



SEQUENCE LISTING

<110> SOIKEN INC.

<120> HHV-6- OR HHV-7-DERIVED RECOMBINANT VIRUS VECTOR, PRODUCING METHOD THEREOF, METHOD OF TRANSFORMING A HOST CELL USING THE VECTOR, TRANSFORMANT HOST CELL, AND A GENE THERAPY METHOD USING THE TRANSFORMANT HOST CELL

<130> SK0412

<140> PCT/JP2004/012487

<141> 2004-08-30

<150> JP 2003-307335

<151> 2003-08-29

<160> 43

<170> PatentIn version 3.1

<210> 1

<211> 161573

<212> DNA

<213> Human herpesvirus 6B

<400> 1

```
tcctcgcggt tcaaaaatta ctttaaactc cccggggggg ttaaaaaaag gggggtatta      60
accctaacc taaccctagg cctaacccta accctaacc taggtctaac cctaacccta      120
accctaacc taggtctaac cctaacccta accctaacc taggtctaac cctaacccta      180
accctaacc taggcctaac cctaacccta accctaacc taggtctaac cgtaacccta      240
accctagggtc taaccatagc cctaaccata gccctaacca tagccctaac cataacccta      300
accatagccc taaccatagc cctaaccata gcactaacca tagccctaac cctagcccta      360
accatagccc taacactaat cctcgcatct ggccctaaca ctaccctctt ttcaaccact      420
caccatcacc ccaccgctg cccccccca cacacacaca cacacacaca caccgccacc      480
gctaccacca cctctgaact tcaccttttc cctccatctc gccccacttc tctctacact      540
tctcgcgcc tctattctta ctctgtttt ctaggatgcc gctgccggcg cgtgtcagcc      600
acgccttgca tcgtcttccg ctgtcccact attggtggct actgttgggt cgacactccc      660
ttcgatcatgt ccattcctac cttegcctgc acaaaggtct acgccttcct ttaccttggc      720
```

ccgagcaaga atgcctgcat ttacatccta agcettacaa gtttctcctg cgttaccctt	780
gtctaacaag acaaccgcat cttcttcagg gctggcccgc ggattcttct ctatgtgagt	840
gacatttaca cttccacttg ttcacatgat ttattgtgtt ttgtctgcta caccaagcac	900
atttcggttt ctcttttata catttgcttc tattctctcg gtctcagggt tcgaccctaa	960
accctaccat cttcggccga cagcaagttg ctaccgctgg gcctgatcac gctgtccgcc	1020
ttttccatgc gcgtttctga gccgacacac tgcagcggct tccacgcggc acatccgtct	1080
ctcagttggt taacgggatc gtccccttgg ctcgctgtcc tacaagcgcc aggagggctct	1140
ctgttctgcc acgacgtgtt ccaaggccga ctctatctcc tgtcgcactc cgtgtcgtc	1200
tttctaaaga cgggccttcg ccagtgtgag gccatctatc gcgcaccgct gtggcgcgta	1260
cggcccttgc cgagcctatg gacgtgtcga gatcccgaca cggccttctt gccgaaatta	1320
ctggcgagaa ccgcccgcg cggcctggcc gctttctatg ccctgtggag actgcatctg	1380
ggatcccgct cggagctctc tcaccccgctg ttggagtggg agagaacaga gctggtcctg	1440
acggatcgga gacgcaggtg gccgtgtacg cacctcctgt ccggctcgga gttccagcgc	1500
gtttcctcga gtgacgccgg agacacatgg aacgcagcga cagagaaggc ggcgggggga	1560
aaagaggagg cggagagagg cgggcgacag caagccactg acagactcgc aagtccgcac	1620
ctgacgcggg gcctccgcga ctccggtcgg tcccttcagg gtgaggagcc cagcgccgcg	1680
gaagactttg cgaggtgcag accgctgctg gacgaactgt gcggggaggg cggctggctt	1740
ccctttgcgt ttctcacggc atctccgcac gtctgtctga tcctaacgga gggaggcccc	1800
gtcctggcgc ttgacctgaa cgacacctcc ctgtggcgca tcgcggacga cttggagctg	1860
ctgctgcgcc tggggagcct gctcctgctc tcagggtcc ggcttcctct ccgtcccccg	1920
agcgggagcg gcgaggcggc gagaaagccg gggtagaga aggaagaggg aagagggaga	1980
gcggcgacgg cgagcgcgac ggccgcgacg tcgccgcgca gaccgacccg tccgaggggg	2040
gtgacggaga agggacgtgt gacaaccggg gacgtccctt tctccgcaca tcccgaatct	2100
gaggaacaga cagacggcca ccacgggcgc caggaaagcg gccacggcga ccagcgcggc	2160
ggggacggac gaggacaccg cgatgacggc gcgcgccgcc acgcgaatga cgaaacagag	2220

ccccagcagc gcgagagca cgaggacggg gaacagaccg actccgggcg cgaggaggac	2280
gcacaggaga gcgaggtcgc aagaagagac gagaagggaa cggagcaggg cggtagcgga	2340
aggagctgcg ggagggcaaa gcagacgtac ggcgggagag gcgaacatgg tgcctggtcg	2400
tcgatcccc tgtctgtccc caggcccgat ccccgctgtt gggtcctcc tctcatctg	2460
ttattccctt ccccgctgcc gtcgataacg cccgtcgaag acgagccgtc cgccccccct	2520
cgggtgcccgc caggtcccgc ggaggaacct tetaagtgtt ctccgtgccc gccctgcccg	2580
tcgcccgaag ccccgagtc cgctgtcccg cgcctctccg ctctgtccgt cccctcgccg	2640
tccaccggcg gtgtccgttt ctccctctcc tccctctcct cctcctctc ctctcctct	2700
tctcctcct ccccgctcta ctctccctcc ccgttgtctc cgccctctcc cgtctctccc	2760
tcgtctccca gatctccgtt catctcccc attagatctc cgggactccg agcaaagccg	2820
cgggtgtcct ccgggcatcc cgtggcgctt ccgcccggcg cctcgtccgc gccgcccttt	2880
tccaaaagag tcccgctcgt tccctcatcg gcatctcgt ccgcccgtg catcggcagg	2940
tcgcccggcg cctccgcaca gacggcgctg gacgccgct gaggtgacgg aggcggcgaa	3000
gggacacgag aagaacatgc agaagaacat gaagacgaag aagacgaaga aacgaggacg	3060
aaaggagggg aatacaccgg agaccgagcg gcggatggag cccgctcggg tttgcacgtc	3120
cgcgataacc agcggactcc gtcgccgctc cggaccctcc acgcccctcc gtccaggacc	3180
cgaggtccga cagccccca cctcgcgcac ctctccgcc accaccgctg acagtcaccg	3240
catatcacc ccatacacac ccagcagcag aggcggcg acacacacgc gcggagcacg	3300
cacgagaaca cgcgagacat cggccgcca aattaacgga gtctatgcgc gcgccgtgac	3360
acggaaaacc aagcggagcg agacgatcga ccgactcctg ctatccttcc tccctgggta	3420
cgggtccacac gccagtctgc ggagtcacct gagggccgga tccgctccgc gccccccgcc	3480
cgatccgccc cgataaaaaa aaatcatctg actcgtgcca gttcacacag atgcaaccga	3540
tgacaaaaaa aaacacacca ccacaagcaa acgctcgccg gcccggtcac cgtccctctc	3600
acccccactc gaatcgcgca ggcgcgtcgg cgggcagtcc cccgaacgcc tccacggcaa	3660
cgtcctccc acgccccctc ggtccccccc cccctccct ccatccccct ccccgagca	3720

tacacgccga	ctctctccgc	agaggcggcg	accacagcgg	cagcggaaac	tgtaacggcc	3780
acgttctttg	aacagtgaca	gtaacggcgg	cggcggctgt	cgccgtcacg	gtagtcgtgg	3840
cggagcacc	ggggaggcga	cgacggggac	taccgatgct	ctcagatcat	cgccatagt	3900
aaagagtacc	gaataaaaca	agttaaattt	tggtgtaaat	aaaaaaaaa	tactatgtgg	3960
aaattaaaa	taaaaaaaaa	atgaaaataa	aggctaaaca	ctgactaaac	gtgcatcctt	4020
ctccgtacgt	cccctttcaa	taaatggcgg	accogacctc	tccataaacg	gagacacgcc	4080
gggagactcc	ggccctccca	atccacaggt	agcccagagc	ctaatacaca	aactgtacct	4140
gaaaccgaaa	gtatagaggg	cggcctcgaa	tgccccacct	atgaggcggg	acttcgcgac	4200
gcgccaccct	tcctatacgc	ccggccttcc	gcgtgcgcgc	ctataggacg	catccccctg	4260
ccccgaaacc	gcaacgcggc	agagtcggcg	ccacaccccc	gtcccccgag	ttcgcgatgg	4320
gctggcgccg	accctgccgc	ggcaacgaag	gcgaaacgag	accccgcgc	atgcgggcat	4380
aaagagcgag	aagtaaacgc	ggggtcccga	attatcgcg	gactatttgc	ccggggcccg	4440
cctcgtctc	atgcccttcc	ccccgcctc	atcccccgac	acaccgggtg	ggaaaaacga	4500
aagacacata	aataaaacga	attttgttgt	taaaaatgtt	tccacgtgac	gtccccgggtg	4560
attccccgag	atgcggcacg	cggcggattc	gcccgtttac	atcgggggtc	gcagacgcgg	4620
ttctgccagg	gcgttgcggt	gtcggttccg	cacagaacac	cgcggtccgt	cgtcaccggt	4680
caaccgcgcg	gtagttccgc	gattctatgg	ttcatctccg	ctcacagcgt	tctctttctt	4740
ttatTTTTca	ctgagccgct	ccaccaccaa	gagtgttact	gactacaccg	tatacatgtt	4800
TTTTtatctc	tccaccctc	cccatcacag	accatcaaac	accttgccgt	atcgacactg	4860
actatactcg	accgcggatg	acaacggtcg	ttggtcacaa	caagagctac	agcggacagc	4920
aaaaataaga	taaatacagt	aagagagagg	ccccggtcca	cataggaagc	caagggcgga	4980
cgaaaataaa	aaccgcgtccg	tgattcacac	acgaatcggg	ggttatgaca	acgcgacaca	5040
cgcagatgag	ggacggacgc	atcgcgatcc	ggcgcgacgg	ggcgcgattg	gcccacgcgc	5100
gagcccgtgc	ccgcttcgag	tggctgctcc	tggctcgcgg	caggccgtcc	aaactgtacg	5160
gctatacgag	tcggcaccgg	ggagaacgga	tccacctacc	gtggccgcgg	tactggtgcc	5220

tagaactcca	tccgatccg	tacagggacg	ccaggagcgc	caccgtgtgg	ggtcaccgct	5280
ggggttgccc	gccaacgcac	gtgagacca	gatccgttca	agactgcggt	gagtgagcgc	5340
cgccgcgacc	gacgacgcta	tgcgcacacg	ggcgagcggc	ggggagggac	gtcggccgca	5400
gggcgagcgg	gtggagggcg	agcgggtgga	gggcgagcgg	gtggagggcg	agcgggtgga	5460
gggcgagcgg	gtggagggcg	agcgggtgga	gggtgagtgg	gtggaggggtt	cgtcgaaaac	5520
caccgaagac	attggctggc	ggagagtggg	gacaaaacaa	cgtcacgtca	ggggcggaga	5580
aatataggg	gcgcagaccg	tcaaagcgcg	agttacggaa	aacgagtacg	gatacacggg	5640
gggggggggg	gggaaggaaa	catggtgaag	tctgtgacac	gcgtgaccgt	cagccggcaa	5700
cgctgccac	ggcctccggc	ctcacagacg	actcacggag	tttctccag	acattgtttt	5760
ttttttttgt	attcatcggt	aatgcggtat	acgtaaattc	cccgcaaagg	tactttccgt	5820
taaggacggt	acaggcggta	tgacttccgg	aacacgatga	ttacggatat	cctgcatagt	5880
gtacaggaga	ccgctttttt	ttaggttccg	tataaaacgt	acgtcggcga	cgtaacacaca	5940
acggttaaaa	aaataaaaaa	aaaagaggaa	acagtaaagc	tcttcctttc	ctctgtgtta	6000
tcgcgttgag	ttagtagtcg	ccattgctgt	tgcgatatgct	tttcgcgtta	acggtacgcg	6060
acaggatacg	aatgcgttac	acgccgcaaa	ggcatcccta	cgatgactct	atgcggcatc	6120
tcccgttcgc	gcagaaacgc	gagttcccgg	gacgccagtc	gtgacgtccg	gccgatggga	6180
tgcctttgcg	tgtgcggatg	ttttctgctg	ttttatagga	acagagacaa	gagacgaaaa	6240
tagcggaacg	cccactataa	cgtgcatttt	tctctgtgtt	ttgcgttttc	atgttttatg	6300
attctttctac	ggtatcggcc	ggaacggtea	tctcgtatcc	ttctcgtacg	cgtgtcccgc	6360
cccagccctg	gactcgagtc	tgtacgtatg	ttgcggatac	ggagaaaaac	ttcaaccgct	6420
gggcttcgta	agctcgtatc	tgaccacttc	cccgtcgcac	acgcttcgcg	tgtccttggt	6480
cggtagagac	ggagccgtgt	acgtccacca	catgagggcg	gccagactct	gccgactggc	6540
gtcgaacgta	acggagtttg	caaggcgagg	gctgcagcgg	gaccccgtgg	cgtatgagga	6600
ggacctagag	ctgccggacc	ggcgtatgtg	cggaacgaac	gtcagacatc	tgttcgacgt	6660
gatcgccgcg	gccgccgacg	aacacgacct	gctgaccgtc	ggcggcctgt	gtcaaacgca	6720

cgccggagtg agctgtgaat tactagagac cgtgcgagat ccgtggacgg cggttcggg	6780
cgtacgcatg actctgaccg tggcgcgggc tcagtatcgc ttgtggcccc atgcccggag	6840
acagctccgc ctgcacctgt acgcgggaca cccctggga ccgtggatag tgtgcgccgt	6900
tctgtctcga gagagggaga cgcagacgcc gtcgcctccg ataggcagcg gaggcgtgac	6960
tctgggaaac gtgcccacgc cggggccacg cgaagtggag acggcttggg tgatcgtcac	7020
ctggcgggac cgctgttata gttctggccc gataacggca agatctgccg tctggcgaac	7080
tcgttcgccg ccctgtggag gatgggcccgc gggccatgag aggacattgg acgtattcgg	7140
ccccgggtag acatctcccc gggaacgctt ggccactcct gtgaacacgt gagaccgccg	7200
gtcggaaaac ttccccggca aagagcgtac ctggattaga cgccacggcg gagacgtaag	7260
gatgcgatat acggccagag acatgaccgg aggaagatca tgacaaggat ctcgaaatat	7320
aaaacaaaaa aaaaaaagtg aggagtgcgc aaacgcaaga aaagaaaaag cagaaccgcg	7380
gtggagatgt ctatccgcct gcgtgtatgt gtggggtgtg tatatgtgcg cgtgaccgta	7440
tccctccctg cctttaacct gatgagaaat aaaatcggcg aatgtacaca atcacacaca	7500
atgtgcttac gttccgtgtt actgacacca cataacaaaa aaaaaacata cttcctgtcc	7560
gtgagacacc gccgccctct agcggagttg ctatagcagc gcccgatgcc aacgcgacac	7620
ggtgagtcgc atagatcggg actgcttgaa agcgcgccac attcgccttt tatatagacg	7680
ccccggggag tgggaggagc caacatacac acgaggtcgg tctggggttg gagacgaacg	7740
cggaaaaatca acggcgtaaa aaaaataaaa aaggcggaga cacatagcct tggcgggaag	7800
acgataacag gttcaaagat agacagtga aaaaaaaaaa agaggagacc atgacattga	7860
atacacgtgc ggcggcaatc caatcaacgg gacgtgccgg ggcgcaaaaa aaagtatacg	7920
gaagtgcattg cgacagacag tcacgcggac cgacgacaaa ggccgactcc tagcatggca	7980
actaggaaaa aaaaataagc aacgctgcaa aatactaaca aaggaaacat cccttcaccc	8040
cctccctacc ccgtctacca caataccccc cccctccgt aatcacttct gtccgcgttt	8100
ctcccacagg cgcgtgcaca cgcagacacg cagacacgca cacaccacct ctatggcagt	8160
cgcgggcggg caggcgggga gcatacgggg ggcagatgta aagtcaatga ggaacggcat	8220

agcgcgcgac	gtgccgtcgt	ctcggaccct	tgctattctg	gcacgacgcc	aagggaagcc	8280
tctggcgcaa	tctataacct	taaccctaac	cctaacccta	accctaacc	taaccctaac	8340
cctaacccta	accctaacc	taaccctaac	cctaacccta	accctaacc	taaccctaac	8400
cctaacccta	accctaacc	taaccctaac	cctaacccta	accctaacc	atcccccaac	8460
gcgcgcgcgc	gcgcctctat	gggaggcgcc	gtgtttttca	ccaaaacgcg	cgccactgcg	8520
agaggcgcg	gaaaaaacct	cccctcccgg	acgggcccga	gtcgtccgcg	cgtgtcgccg	8580
gtgcgccccg	cgcccgggat	ccccccacct	cccccccca	aagaacgggc	gagggtatgg	8640
gggtggatgg	cgtgtagttt	aaaggcgaag	gtgcagccgg	gcgccggagc	ccggtgagag	8700
cgaaaaaacg	atggcgcgcg	cgagagagaa	agagaggcag	aaggcagagc	cgcagaggga	8760
cagacgagga	gacgccggag	gaaagagaga	acggccgcga	gggccatgag	ctccacctag	8820
cgtcagacta	cgccaccgcg	gccgcggtgc	gctcgttccc	gaggagggcc	cgcattgtggc	8880
gcgagagagg	gagaagagcg	gacgcgtgta	gaaacggcca	acgggcggat	gcgcagagcg	8940
ccccgcgggg	cgattgacct	ttccacagac	ccccgaccca	tttcggtgat	gcagatacgc	9000
acgcgaacac	gcacagacat	gcctacgcgg	cctcaccgag	cagactgcca	cgtgagcgaa	9060
agcatacaca	cacacgaaaa	aatacacaca	agaaaataca	cacaagaaaa	tacacacaca	9120
caaaaataca	cacacaaaaa	aatacacaca	caaaaaaaaa	tacacacaca	caaaaaaata	9180
cacacacaaa	aaaatacaca	cacacaaaaa	aatacacaca	cacaaaaaaa	tacacacaca	9240
aaaaaataca	cacacacaaa	aaaatacaca	cacacaaaaa	aatacacaca	caaaaaaata	9300
cacacacaca	aaaaaataca	cacacataaa	aaaatacaca	caaaaaaaaa	ccattttatt	9360
tatgcgctgt	tctcacaatg	ttaacatagg	acaaagacaa	ccacgaaaac	gaccacaaca	9420
acaacagcag	caacagcatc	aactacagca	acagacgagg	gcaggatcac	gagggtgtcaa	9480
ctcccgcatc	tccgtcgcgc	aacgtgtcct	cgcagtcctt	acggactacg	gtagaagccc	9540
cgcaagagac	tgccgacatt	tcccgtctta	ccatgtgcgg	agaaagttga	tagacggcag	9600
gtagatttat	cacaggcgcg	tgcacgcacg	tcacgggcag	ctgcatggtc	cacagatgtc	9660
ccggagggaa	tcgatggttc	ttgaagagtt	ttctgacacc	catggcgaga	aacgccttga	9720

agctatcggg	caggcgcacc	acggctcccc	cgtcgagact	ggccgcatac	accctgccga	9780
cctgatccat	gagcaccgcg	tgctgtctga	gcagaggtaa	agtaacgccg	cgtccgaaga	9840
atctgccgat	caccaccgcg	acgcctccgc	cggttatgag	ccgccacctc	ttctccgccc	9900
tcctgggtac	ggcaaactca	aagaaagctc	cgcgcgccca	aggcaacggc	acgagagcct	9960
tatcgaaaga	cacggcgaaa	gccagggcgt	cgtcaactcc	actcatgccg	ccgaagaaa	10020
aggcgccggt	ttccatgaga	cacttggaac	cgtagacggg	ctcgaagcga	cgcaagccgt	10080
gcttccagag	accgaacgcg	tcctccgcga	gacggtacag	cgcgatcatc	aacacgccgt	10140
taaacgcgta	tatctccccg	cactctccga	ccagcaccag	cgcggaactc	tctgcgaaga	10200
tagtgacccc	gatgaccgtg	agatccatac	cgggacagca	cccgtatccg	cgagacagct	10260
tggccaactc	ggcctgcgtg	atcccagagc	tgctcggaag	ggcgaatctc	agttctgccc	10320
ccacggggcca	cgagagcgcc	aacctgcaat	gggcaaaagt	agagacgaag	tccttcacgt	10380
cgtccgcgga	tagcgggcgg	gcgacgagag	tccgaacgaa	cgccgtccat	ttaacctccg	10440
gtactgccgc	atcgaccgcg	aggtcacgtc	ccgcagagaa	agagcacgaa	gaagggcaga	10500
gagcagcaga	ggccagactc	caagaagata	tgccgagaaa	cgagagcgga	caaaacattt	10560
tttttctgtg	cggaatccga	gataaaatta	aaaggataaa	aaaaaaaaaa	aacgataacg	10620
gcagcggttac	cggcagtctc	acataaacgt	ctacgatcac	gttaaggacg	ctacaactgt	10680
tagaaacaaa	caacgttgaa	tcgacatatt	cccgacgtct	tcacagaaaa	tggaagtga	10740
ccgaccgccc	acaaaactgt	gaacacatcc	catccccggg	taaaatatac	aatgatccca	10800
gacgtcaaaa	gcgcccgtaa	gaactcgatc	taccacgctt	ccattctttt	tttttaaaaa	10860
aaaaaaccta	accttcaacg	ttagggcgaa	ctatcgaact	acgtcgtgca	cggcactcct	10920
agtgcgggcg	tccggaatt	cctgacgctc	atcgtttcta	gcctttacaa	acagcagatc	10980
atcgtcggcc	tgctccaag	ttttctgata	aaacattcgc	gagagatgac	aagtcggaag	11040
aagcgcccat	tcgggctgct	ccctacggaa	aacgtagctc	ttataatact	gaatgactcc	11100
tatcgtctta	aactgctgaa	aattttccgc	cacaaagcgc	ggccgtccgt	cttcgtcgtt	11160
gtcgttgaat	ccgaaaatcc	gtccgtcgtc	ggccacgtag	agagaaatcc	gaccggcgctc	11220

cgcaaagtac ttgtagccga agctgccgaa gaaacacatt tccgcgagcc tgcgccgtgc 11280
 ctcgtcgcac ctgacgaata caaaagaatc ccgccgccga tgaaagagca gagtctcgtt 11340
 cttggggccac ctcagggcga aagaacgacc tatgtgccgg tctcgaaagc acagcacgtc 11400
 ccgacaactg cagacgccgt ccacctcggg gtcctccacc acaaactgca gcgatgatac 11460
 cagctgatgt gcgtaataga acctcttcag acctttacga agaaaatcgt caatgggtgtc 11520
 accgacgcgg cacagttgct gcggcaataa ccacgtatgc gcataaacgc gaccggcacc 11580
 gccgagcaga acgactatgt cacctttcag aaaccagtaa gccggctccg atccgatctc 11640
 cccccttttc ttcacgtgcc ccagtagcac gaggcgctcc cggaaacaca ctagatcggc 11700
 cagtcgcgcc aacttttcat cggcatattc attctcgtct ctacagttgt taataaccag 11760
 ctcgtatcct tcaggccaag ccaagggaat tcgcctgccg aaattgacga acgtaaacad 11820
 tcggacgcta ttcaggcacg tatagacgcg caagagatcg acgagatctc tcttggaactt 11880
 gttatagaga cgtggacggt tcttcctcct ctctgagac tgcagctcgt catccccaca 11940
 catcatagaa tcttgagccg gctcatgaag gccttcgata aatcgcaccg tagccgtagc 12000
 caaaatctgc cgttgccgcg aagaaacacg ccggctgttt gtcggtttcca ttacgggctc 12060
 acagcgacag agaaatagca ctcaaaactt agtaagcaaa agttgcaact cgcaaaaaaa 12120
 aatgaaagat aatatagtca caaaagaaac ttgtcacaat gtacacccaa aaagaacgat 12180
 atggatgatc acacgacaac ggcaacaata atatcgtttt tttttaaagc taaacaaagt 12240
 gaaagaagcg taccggtttt ccggattcgt ctgtatcaga taaaggtcac acaagccagc 12300
 ttaggaacgc ggccgccttc gcgaatgtct aaccctcgct gttgcacgcg tcttataagc 12360
 ctacgtctga ggactattcg cttttgacgt ctccggtgct cctgcaacct gatgtcaaac 12420
 gagccgcgcg cggccacagc gtaaggaacg acgttcggat acaccccact ccacatatgg 12480
 gtcccgtaaa gattgcagtc gtgaaaacga aaaaacctca ccggattcga catgtaagat 12540
 aactccagag tattgaggaa gccctccaga acatcgtgcc ttatctcgcg agcgagtcgc 12600
 atggatgcac acaggtcgcc tagacagatc ttttttaggc acagatgctc caagagcgca 12660
 cgaacgcgat gccgttcctt gtcataacct gatacgagaa tcgtcacgat ctcaagaaag 12720

aaaaaacaca accgagggac gcgcatggga tctttaatct cgaactgaga actgacaact 12780
aacagtttga tcttgacacc gtggaggcca gaaacggtat cgatgcaacg ctccatttct 12840
gagatcgctt ttacgaagaa acgagcaatg gccgtgagat cacttacgat gcgctgtttg 12900
acgcgtctca gcagaaacag acacagaacg atgttgcagt acaccttcaa gatgttacgt 12960
tcgaaatgcc ctctcccaa ctgcttatcg tgaagaatgg gcaaatgccg cctttccata 13020
gagttaagaa taagagaaga accaagatct cggatcaatct ccgcccggag agcgaccgct 13080
tcacgcgcgt cgaggtgcag ctggcctaaa attagatcag ctggatcgaa ttcggaaata 13140
tcagatatgt tcacggcccg ggaatctttc ttaccagat agatccgaaa gagagacgcc 13200
cggcactgat cgcaactaca gagcacagaa gacacaaagc gataagaaga agcgtacgcg 13260
acaaagatgt aatcggacaa aaagtgtttc aagagcacac tcgtcggaga cgccgcgtcg 13320
ccatagatct ccttgggatt gggcaaaata tcgaacaagg tcaacagagt attggactca 13380
ctcctgttcc tcagcataag gaactgcagg aagagggagt ccaacaactc caaaagacgg 13440
ttgaaatgcg ccgagatagt atccctcttc tcccacatga cgatgtactc cagaatcgag 13500
aagtgcgcca gagcggtgca cttggtcagg agtcgataaa aagctgacgt ttcgtcctca 13560
aaagttaacc gttctaagag agacatgaaa gccgagagat ccattggtcgt ctttccacgc 13620
ctttggaatt ccacagaaac tttctccgcc agagccgccc agagaacact atcgtcacaa 13680
aatcgtaagc cgcgggtcat gaacagatcc tctgcggtca acgtgccgct atctataatc 13740
atctcctccg ttatgtcttt cagatcaaca tcaagttccc tggaatggtg aacggtcagc 13800
gagagatagg gatggttggg aatggtatac gtgaccggtt ctggaacggg tcccttataa 13860
atgtcgtggt ccaataactc catcactcaa gtaagtatat atctgagaca gcgtttattt 13920
ttttgtcgca gaaaaaaca aacgagcaga attcaaattg caggagacgg ccacgtacat 13980
cacaatcgag aaaacacaca atcactcatc cccatcatgt ccattcagtt cgccggcaca 14040
gtccggtgca tattcataat acttgtaatc atccctgagg acgtccaacg accccaattt 14100
atacccgata gctctgacgt ctttctcggg acttatttga acaccccgat gattaccact 14160
cccaaatat ttcaagccac tgaaaaaaaa agccatagtc ccgtttatgc acctggtggt 14220

agttaaataa tcttcggcga cgggcaacac taccggttgt agccgctgta agaaattctc 14280
 ttcattgggta ttaacgataa aaaaacccgg aatgagatta tcagaagaca ccaggtcacg 14340
 atcattgtgc tcgtggaagc gttttatatg aagatgatgc agaaaaaaca tttccatgaa 14400
 ccgagtctcg tcgtagtctt tgtaagcagg aacggaaaaa ccgattctca gagcttccca 14460
 acactttaag ataaactgac tcttttcccc gggacaccta acaatttctt tcatttgttt 14520
 catcgaagaa aagtagcaca ggtctccgag gcacccgttc cgccccagct tcatttcttc 14580
 ctccatggtc acacacaatt ttcccacttc ttccgtgaag aggtcgtaat atatgtccaa 14640
 ctgagcattt atgacacggg agagggtggt cagcagcaac acaatgaaaa caatgttagt 14700
 taagaagggt agcaatgcct tcttatccgg ggtgacagag atctgtagcg aaataggcag 14760
 cctactgtgc tctatctgac cttcaatcat gctcaaccct aaatccttcg ctatgagact 14820
 cgacagactc acactgtagg gttcacccaa atgcagaaaa gccggaagac gaattgaacc 14880
 tatcatagga aaacactgaa ttcggacaca gtggccaaaa tcacacttcc tgccctctct 14940
 gttatacatg ataaacatgc gcctacactc gacacaacca cacaggagca taaagtgtc 15000
 gatgagacag gattcgatac gctcaaagaa atcgtatctg aagaagacat cggatttggt 15060
 ctccaagcag tccttcaatt cttgacccca gtgacaaaga ttataacctc ccagctgccg 15120
 agtagattcc tttgtcaact cttttaactt gctttcaaac tgaaataata acatggaggc 15180
 gtactcacat agatagcgac accagtagcc cagcgtaggt ttggacgcga agttaaacag 15240
 agacgctcca gcatagagac cgataaaagc cagtttagtg atgcactgcc acttctcatc 15300
 aaaattgtcc ataaatttca agtttttcac catgtcagca atctgatcgg ctctgacgta 15360
 ggtggaagga tacttgtaag tttcatactc ataatctatc agtctgttcc aactacgca 15420
 gtccgaagag ggatgtagtc ctttaatgcc aaatctagct gctgaggttc cctgcagacc 15480
 gttcgtcaac ctagcgcagg agacgggaac gacaaacctg ctggtagcgg gcagtcgacc 15540
 gacgaatacc ggcgtgagaa attttgtgat aaatttaacc gtcggcgaat cctcttcgtc 15600
 cagacgcacc gcaaacagaa ttttgctgcg gtctttcacg agcctgttgt aagaaaaaac 15660
 aagttaacgg agagtcttca tcctcgaaga attgtctttt cgggaaaaac gacacacaac 15720

acatctaccc acctgtcctt tcgcacgcac atatgccgag gcttactgcg gagaacgggc 15780
 aactccccat tcaacatcct attaagattc tccgtctcag tgtcacttat ataaaataag 15840
 gtatcgtcat tccagtccaa tgaatacttc tctttataga gcaattcatc aaatcctcta 15900
 cgtataaaaag tcctcaaaact tttagagact ttgctgattc tgttttctac gtagatatag 15960
 atgtgacagt tcgagcccat aacgatagca gctctgcaat ttgggttcagc ttgagagcgg 16020
 gcacacgtcc ctatgatagc ataatccttt tctgtgattt tctctagaat gccagggtcca 16080
 gtcagataat aaatatccga caaggaacaa aaggaaaagt caaagtcttg gaaagcatcc 16140
 accctgattc tcttgccaca atgttttgct acgtaatcct tcatagccgg gagattcctc 16200
 tgtaaaagga taaattcctc tcggccgcat ttagtctctc cgaaccacat cttttcctgc 16260
 tctggatcta actccgcttc ggcaaagggt ggaaattgtc taagtccgat attgaagaac 16320
 tggaccagtg attctgctat gatgtacact ttctccgtca ccgtgtccac ggcaatggtc 16380
 tttccagttg aactatgcat cacgtatgga tcgtagtcag gattcggatc acgatataac 16440
 gggtgagcgt acccaatggc ggacaaaaat tcatcagtat ccagaagact gctccagtca 16500
 taggcactta cccatctatg cgtgtgaaag tgataaaact caccagagt taatgcatac 16560
 atgggaggcc aggcgataca acatcgcaag cccggagAAC tgatctccaa cccgtctccg 16620
 taagctgcag acagcacgtc tacatcaaaa tccaaagtag gcacacatga tgacaagggtg 16680
 aactcatcgt tgcagaccgg tacgatttct gtttgaaaca taaacgcaaa atgaagtaca 16740
 atactttcac acaagactcg ctttccgccc tccgtttcaa gtatcagacg aaaattcgac 16800
 atgaactact tactgaggct catgcacgat tgataagtct ccgacatgcc caacgtcgac 16860
 atccgtccga agcgcattgga tattttttcca atcttctcat aaccgcagtc cgcaaaaagt 16920
 ctggcaaata ccacacgcaa aaaagtcagt agacaatcgc ccagcttcac cagcacgttg 16980
 tctatccaat cgtaataata tattttttcca gatttcccta tacatagaat aggtcttgta 17040
 catttagact cataatcatg gtcattcagg taacctaaaca ctactacttt ttctactaag 17100
 tcttctggtt cttctagatt tgccaagcga catgtcccta tccagacact gtcacgagtc 17160
 cctagagtca aactcttaaa aaccggcata tccaatctca gatccccggc gacgttgaga 17220

gacacgaaac gttccacatc gtccaaactg gcacaacggg ccagctcatc aaactctcgc 17280
aacatggcaa tgtaatgttt cctcatagcc ttgatgccca aaacgccttt cctattcaac 17340
ttcagatgga cattcaaagt acagggactc cttaacacat cattattcct taaattttcc 17400
agcgattcga atctggggcc gtcatacaag ccatgacggt acacaggctc cgcgcatgtg 17460
atgatgttag taccaggac gccgtatctt acaaattgct caaaattatc acacacgaag 17520
tggagagtat ccgtctctag atcgtgcaag aaaattcttt tagatcggcc gatcaaaatt 17580
ggaacatctc tgtaaggaat ctgaatagtc cccagtagac acagtttttc cacaaaaccc 17640
tgatagtgat cattcatatc ttcaaacatc ttttctgtat atccagctac atctttacgt 17700
agagtgaatc tcagccagca gttccgaggc cagataatag acagacacca gttcttatac 17760
gtgccgacaa aattctcgat tcgagaaaga tcagcagatt cacagaaacg acacaattcg 17820
gcaagagcgt tctcgttcgg aatctcacct gagacctcct tcgcctcgag gtccatcttg 17880
aaaactccga ataacactag aagtgaacaa atgaaatatac tgaaatataa gacctcgatg 17940
cgagacgccg tcacatgaca ggaaattgga aaaaagagag tgggtgtgaca aactttatta 18000
aatttcaacc cccgttttga ctcacacgct ttctcgcga tgtacagaaa aatccgttcc 18060
accaacgatt tcttgccaat gttggacaac aaacaccttc atttcctcgg aattatgaaa 18120
atcttcctta catacatcag aagcaaaagt atataaacac tcgcattccg aaagttttat 18180
gcattgcgat ttgacatagc tgcaatccgc attcaaactc tgcaccccggt actttaagca 18240
ggagacctcc atcgttccgg ctctctgtatt gcactcctcg gatttcgatt tagaaaacag 18300
ctgtacgact gtcttccata actttctaac agccatcggc agatccactt cagaaaaaac 18360
gaactcgaag cgccactaaa aacagatgga aatagtcaca tacaagacgg cttcagcgag 18420
atctccgacc gtcacctggt catcgggatt cggacgagct atagcctcaa ttcaaaaaag 18480
gcatcaagaa aatatcagga aaccctacg ctcttacagc ggtctcctac actgccttat 18540
aaaacagtat gagcattgcc tcgtcccgcc aaataaatca atacgtttcg acaaaggga 18600
gattgaagtc gcggccctaa ttctagatct cggacaccag gtacttggtc gtcagataca 18660
cgtccgacaa cgtatctaca gctggactag catcacactc cctaaactct ttactcccag 18720

agaactttac tttttagttg cctctccaga agacgaagac atcgtattta atccaactat 18780
 aacaaagggg ggggtgatct cgggaagttt ttcgtatccc gttgaataca gatcaaactt 18840
 ttcgctaacc ggaatgtcgg ctaacgtatt aatgggtgccg ttcgttccgt atagataccc 18900
 actaaactat gctcgttca tctcgtcaat agatctgatg atactaaacg aacaatttcc 18960
 ggaacacgaa tgcggagaca tacagatttt aaagcagcga aactacctct acctgggagt 19020
 catcaaaaat cttacatgga aaaaaagcgt caccggcaca ggtcagacag ctccacatag 19080
 aatcctaaaa gcttcgttca taggaagttg gccggacacc tccttgctg acagagtagc 19140
 actgcgtttc ttttaataaca ctaggtttac gatacactgc cagcagttcg caattaatat 19200
 tgaaaatctc ggtctcgtca aaaataaaga gaaagtcttt gggacactag ccaccgtatg 19260
 ctgcgagcaa atcccttctc tactaacgac tgaaaatcta ccgagatatt taatagttca 19320
 gtttgaagta gtaacgcaa tcgaagatcc cgaaccctg ttattttcca gtaaccgaa 19380
 actatatttt acaggagacg tactaaacgc aacgatgcaa ctacagcaca acccaaatta 19440
 ttacgatcta ctctacacg cgccatacga catccatttc tatccaagcc gatgtcacat 19500
 agtaattcta cctatccgat atttcacgag gggtgacaag caaatcctca tatccggcta 19560
 tcagaacgaa ggtttcttcg aaaccaggt gatgctgtgg gctcctggaa caccgttgca 19620
 tattacgctg cggtcattct ctccaaatct gatcctgccc caaagcacac ctatcgcaac 19680
 cctgttttat gtagaaagaa tgacaagcca gaacactgaa caaaaagacg taatcgcaaa 19740
 gctgtctgag aatggacatt ttattggcaa cctgaagctc ccagagaaa attttttaca 19800
 tcacgacgag atcactgact tgtctttggc agctataccc aaggactcag cgactcccg 19860
 ccaggggacg gtttcttcat cagtttcccc gtcttgacgt atcctcagaa ccatcttttc 19920
 aattacatcg tctttttctt caggtgtctc aaccttcatt aattgcgtgg gaataagagt 19980
 ttcactctga ccgactttga aatctgaggt ttctctctca cctgccttca ctttttgaag 20040
 agcgagatct atttcccggt ctccgttacc cgggagcttc acgtccagcg catccttaaa 20100
 tgacacagaa tctaaatcgc gagacagatc agcatttggc agcctaaacg gggactgcac 20160
 agaatcgaga tcgttttgca acttaaaatt tttaaacaga ttttgaggat cactaacttc 20220

aagaattctt tctacgttag ctctctcga ttgcggtccc aacttggttt ctgtaggcaa 20280
cttaagctcg gtcccagact gattgtgcaa aatgtcttga atgcccttct cgcctaaact 20340
aatcagattt gttaaattcgg ctagaatctt gttaactcgc tgcccaagac ccgcttgaac 20400
atactgttcc tctccggcat ttctagcagc ttccattaaa ttaggtaatg gctcttgctc 20460
gttttgcgtc atttctttat cgacattaaa ctttcttgag gtttctttt tttctgcatt 20520
gccgccagaa tacaagtccc tgctatttcc tttccccct cttgatacgt cagcagcata 20580
tttcttattt aacccgga aaatatcatt cgcgtgctta gtttttctca aactgggga 20640
atcccgagca gtcacagttt cagtcgcac gccagagtct ccggtcactt cgcgtgagt 20700
tactatagcc ttatcatttt tttcttagt ccagcttcca agcagatcta acttcttctg 20760
tttctaaaa ccgtctttgt cctcaaate tttaatgaga gaaacgttat ggggcgacac 20820
tccggtctca gtactgtgcg tcgtaagttt cgcctctgat ccagccacat cggaattatt 20880
caacacgaag ggtgtccctg tctgctcaga aaccaaaca tgcaccgat cgaaaacatc 20940
tgcattcgcc gctgtgtttt tactccacgg ccgtgaaaca tccgatttat tctgacgcag 21000
attgagatta gcgagaccat ttaccacatc agtaataccg ctactgggac ttctgatcga 21060
agttttatcc tgtagtaaat ccacgtctcc cgtattagat tgcgcctcag ctggaagttt 21120
aacacaaaa tctaaaatcc ccgaagggcc aattctataa ttaccgtgcg acttatctcg 21180
cagatccaga ttggtagaag tcaaagacga caacggctca actccggaca ttaaagagac 21240
agacgaaaca ggcgttgctg ctctaactgc tctaccccc agtggtttctt tctttatcaa 21300
aatttttccc ccggcattat cgacgtatc cgactctgga aatttatgtc gcctctgcgt 21360
ttttaagggc ggttccaaac ttttgggttg acttattttc agacgagcca aatccgcaga 21420
tggtctcttt gtatctatag atatactagg taaactcaaa tctgaaggca tgcggccgctc 21480
taaagaggcg aaatccatta aagagtgagg cccattctca ggcaccgaaa atgctttcga 21540
cgcgctgtat gattccagac tacttttgat aatctcataa tcaactggtga ttattttcaa 21600
aaaactctct actctctgac cagttagagg ggtctgcaaa accctctgag aatacacagc 21660
attaaaattc tcgttcttcc tcaaagacc cgagagatga ttttgcggtg ttacaatttg 21720

agacatagca accttttcta gctttgacca ggactggttt aacggtacaa ataacttacc 21780
 aagataaact aatttattaa tactcgtcac taagtaaccg ttttcgtccc aggggtcatt 21840
 tatgttatag acggtgtacc agagcatgtt tttttcagcg tcttgcaaatt tattttctat 21900
 ctcgctgctg tcttctgcag taagatttac ataaggagta tcgatcggaa cattgctacc 21960
 ccacctaata gaatttcta aacgcagtaa agcgcgatga atatcactga attgcgattc 22020
 aaacttttct ttgttcgtga acatattttc aaaatttcct ttattcagac ctttggattt 22080
 taagtactcg tttacgacat tctggagttt cgtgatgtct tgccatatag cattataatc 22140
 cggcttccgt ttagataaca cgtagtgata cataagccat aaaataaatg tgttatacag 22200
 tgtttttaac tcgtctacat cttctcctc tctcagaca caagaattag tcacataggg 22260
 atgttctcgt aaatctacat tctccagatt ttccaaattg ctaagaaaat ttgtaagacg 22320
 ctgaactttg tctcgatcta gccacgcaa cgggatcgac tgcgctttca aatccatctt 22380
 ttagaaaaca aactcaaaaa caaaactgct cgtcttcgcc aagactcaat gtttaatagt 22440
 ctttttttta cccacacaga aagctgacaa gcgacgagat ggacactgtc attgagctgt 22500
 ccaaactcct ggtaagtctc cagagatcat tgttaccgaa tattttattg tagcgtacca 22560
 tgacaataac attcaatata tttaatagca cgatgaagag ttcaaagaca acgcttcctg 22620
 tacctcgacc cccacgctaa agacagcacg aatcattgag agcgcagtta ccggaatcac 22680
 gctcactgca tccgtacca tgatcattat agtgattacc accatgattc tctatcacag 22740
 agtcgcaaaa cataacgcta cttcatttta cgtcatacaca ctctttgcta gcgattttgt 22800
 gctcatgtgg tgtgtctttt ttatgacagt gaacagagag cagctgttct catttaaccg 22860
 tttcttctgc cagttagttt acttcatcta tcatgcagtc tgttcatata gcataagcat 22920
 gctagctata atcgcaacaa ttaggtacaa aactttgcac cggcgtaagc agaccgaaag 22980
 taaaacatat agcacggggc gaaacatagg aattctccta ctagcttcct caatgtgcgc 23040
 gattcccacc gctctctttg tgcagattaa cggagcaaaa aaaacgacgg gaaaatgcgt 23100
 cgtttatcta tcctctccga aagcttacga actgtttcta gcggtgaaaa ttgttttcag 23160
 cttcatttgg ggagtcctcc caaccatggg gttcagcttc ttctacttta tcttttgcaa 23220

agctttgcac ggcgtcacca agaaaaaaca caaaaagact ctatttttta ttagtattcct 23280
 tctcctgtca tttttactca tacagatccc ctatatagct atccttatat ctgaaatcgc 23340
 atttctctac atgccacaga acacctgctt ttgggttagcc cgtgcagaga tattgcagtt 23400
 aatcattcga ttaatgccac aggtacattg tttctctaata cgttagtctt acgcattcac 23460
 tggaggcgaa ctaagaaacc gatttaccac ctgtttccaa tgtccatttt ttcccaaaag 23520
 actatgtagt acacagaatc gcaaacagtc agacgtctcc gaacatgatc agaactcgcc 23580
 atcagaatcg tcagtggatg aaaacgaacc cccttaaaca cgtttttccaa cttaataaat 23640
 gctaccacaa taaaatcacg tgctagctct gttttctttg ttttgtcttc catagagcat 23700
 ggcgcacgct aaaaagcggg cacgacgaaa acttttaact tcgacggacg atcccatatt 23760
 gtccagcact tttaccatgc gcccgacaag taagattgca gacgctgaaa tcatttcaag 23820
 agaacatgat tatatcgcaa gcaaaacaca ggcggattca aaaaaaaaaat tatcgtccct 23880
 gtctgtgatt ttgacaaaa ctgtcctggt tgaattttac ggtataggag acaacaacga 23940
 aaaagctatc gtctacccta tcgatccaga tttcttatta tgtgattcgg aaaataattg 24000
 caccctatca cttttcttat aaaatTTTTT tctcctgatc tcacgtcaca gttttttttt 24060
 tcatatgtct cgcgttgata catcccgtat gaaatattta aggtggttga aatcacacca 24120
 atgatcacac acgcgatgga agggtcgaag acattcaaca ttcccacttt cgtcttagac 24180
 gaaaattgta acttcatacc cgatgttctc tcacgcgcca acgctaaatt tatcaaagag 24240
 gtactcatcc gagactccta caatgcgggt tgtcttgcaa acagctttat tcccatggcg 24300
 actcaaaccg tagagcaaata tctgattatt atcacaaagt ttaagttctc acgttcacga 24360
 gatctgctca tgtcagtatt tcgcctcggc gtacatatata acagatttta tgccggaaaa 24420
 aatcaagtca aacatatgat cacaatgatg aaaagtcttt tcgataccga agaagccatg 24480
 cgacaactcg acagagctct tatggggctg tttgtcgatg ctcgatgataa ttcatatatg 24540
 cctctcatag cattgtccct gcacgaaaac ggcttaccgg attctaaatt cataaaaagcc 24600
 gtcagattaa tacaacaac cgtaaaactcc tttcataatc gaccggacgc agatatcgaa 24660
 cagtatgcag aaaaattacg agcatacaat tacctctata aaatacccaa gtatactctg 24720

aaagaagctg tcgacattta ttccgataat cttaaagatc tcactattgg agttaataaa 24780
aagcccacct tactgtttac gtcttcagat gacgcatatt tatctcacat ttacaacgac 24840
ttactatttt taactttctac ttggaatatg atttataatt gcaaaaaaga gataaggcgt 24900
ttgaatactt ggatcaaata cgaaatcaac tccataatgg aaactgctgt attggtagga 24960
ttccaacttc cagatctgaa ggaaacaatt ctagacctag cggcactcat atcaaatatg 25020
aatctcgtca gccccgataa agaacttttc cctcactaca aactcatatt agcaaaattg 25080
tttgaaatct gtatttttgc aactaaggca aacatttgca ttttaccatc cttcataaag 25140
ggtcaccta tagagtctga ggatgtctta aaaagaagca atgatgacga agacctcaac 25200
tatctgcttc tgaaatctcg agattctgat gacgaatacg atgaagacaa accccaata 25260
caagtcgac caggcagagt agacaacgtg cttacagatt ctgacttttt taacgtaacc 25320
ccggaaaatg ctttctcttc tatagcgatc atgccaatth cttatgataa gacgatagat 25380
gtggaagaca atgaaattca agtcctagag gttgagatgc agagcctctc agcagttgtc 25440
tacggagccg ttgcaagcaa atacggctta agcctggagc aagttatcag aaagttaaatt 25500
caaaatgaag gacggacctc ttctcgtgca tccccagcc acagtacttc taccgtccca 25560
tactcccccc cgcaaaggca tcgctccact ccaacttcta ttctaagaca aagagtacca 25620
atacgttcca acagcagatc atcatcggtt tctttctcac aggaagacag caatcgtagt 25680
cattactctg acgaaacaaa tattagtgat tattcatatc ccatggcaga tctagaatta 25740
gaagacgaag aacccatgga ggaccatccg cactccccct aatcaacatc atctaacaac 25800
tccatgtctc gtcaaagccg agctctacaa aacggacaaa gaagacgtgc tcccacaatg 25860
gtcccatcat ctgagacacg aagacaaaat aatgcccgcc ccagacgcgt agccaggcgc 25920
ctaacggaaa tgatgaacga cgcaagggtta taatcacaaa taattttatt gactgtgaaa 25980
agtgccttat ctggccaatt cattgtacga taataaaagt tccattgttt gattgatttc 26040
cgtattcttg agcttgtaga taatttccaa tagaacatcc cgcgtagat gtaactcatc 26100
aacgtaagaa aaaaaacgaa tagcattctg ttcttcatca tcaccaagtc taagggtgact 26160
cttctctaaa aactaaaaaa aaaacacacc atcaatttta ttcaaccaat ctaagatagt 26220

tttgcattaa acaataaatt actgccagaa aaactatagc ctagcaagct agtgaatcaa 26280
 atacctaatt ccaatttaat atatcttgaa atctaccata acacgtacaa aatcaaactc 26340
 accgcatata tcatattaag gaaaagctgt ttctcttgtc tactgggttaa catgtacaac 26400
 aacacaatta tcttctgtga aaagaaaaac acatcaatcg gcatacagta gcttgtcatt 26460
 ctctcttccct gtaacaaaat aaacaattta tacaatccaa ttaaagtccc ttgtctttgt 26520
 atcgaaagaa aactattaaa gcccgcttcc acgtatactt aaatcaatac ccaccttttt 26580
 acaggaatat tgggtgaactg agctacgacg aaacagtcgt ttactttccg gatgttcaat 26640
 ctaaaaaatt gattaatctc ttcccatctt tttaaaataa ataacatttc aataactacg 26700
 gatttagtaa ccgtcatact caacgtcaga gccggcaaaa taaatctata catagtagaa 26760
 aagtccattt taaatagata tttaacgtat ataatttcgg tatttgacaa gatattcgac 26820
 agtgacatta atacaggcaa aggacacagt tcacggcatt cttgaagccg ttgacgcttc 26880
 cacacatcca tctcgtcac agccaaagct ctgttccgct cagctcggca gctctccgta 26940
 ttataaaaaac agatactgaa tcacacgctt taagaattaa gaatcattgg ctgcttgccc 27000
 atccgttagg acatctcatt cttaacacat atccaataca atggtaaaaa aacaggatta 27060
 aaaaacaaac aacgacaaat cttatcatca gctgaaattt ttattctgta tactaacatc 27120
 caacatctcc atacatcaag ttaaatacaa ctcaaagtat gacgtatcta tctactcttc 27180
 atcctcagat gataaatcat aaatgtaatc attcgagaat gtgggcccta gaaaagtatg 27240
 aggacacaac ggcagaattt cttggacggt gctaattgtc tgatggaaaa acttatagcg 27300
 acgatatccc ctaacaatcc cctgtcttaa aaaagattca aattcgtctg ctattttaac 27360
 acatgatcca attcctgttc cgatcgtatc aataccataa attgcccccg ataaatccat 27420
 catcacaac atcgtcttcg gatacagtaa tgtttttcca atgctcccaa taacatgccc 27480
 gtgatacggc atgctctcgt agacatccga aaagaaattc cattccatcc tactaggaaa 27540
 atcttctttc ctagtaagaa ataaaacaaa aactccgtcg ttattttcca aacaagactt 27600
 cataatgtaa tgctcccac tattttttata aacgatcgta gcaaatttcc ataaattatc 27660
 ctgcacatca atcaacgatt gaagaacatc atcaattttt gttaaaaagc gaatgtcctt 27720

ttctcgatat accggatcat aacgacgcaa tccgagaact gcaaatacggtt ccgtcgtttc 27780
 cgccaacaaa tacagtgtct cattcacgaa gtcgagacca tagaatcggtt cgtctttctcc 27840
 cacaaacacc aacgtttttag ttaggcacac atcacgagtc tccttttccc aggcagaaac 27900
 atatccaagt agttgcaatc tctctgggca gcaaagcaat aacgaacctt gtttaaaagg 27960
 aaaaataact ttattttcac aacaaaaaac gagaaagaca cattacaaaa ctgacacgaa 28020
 aactgatac ttacacattt cttgcaactc tgcggcagac tttgtgggaa atggaatttt 28080
 acacagtgtc gaaatcacca agcaccgact tttcggccaa ttaaactgta tagttaagcc 28140
 ggtctttctgt tcaacgtatg tcgataaaga atcacgaaaa actgcaattt ttatatcggt 28200
 taaattcatt agtgcaatgt cataacgagt ttaacatag tcgccgattc gttcgtctgc 28260
 catctctacg ttatgaaacc gtcaactacc cctttggacc caaaactaca aataaaccag 28320
 ctgcatttc ttatccatct tttatagcac acagagataa aaaactcaac ttaatcaact 28380
 accatccaaa aacaaggaac gtcatagtgt tggactaaaa ttaccatttc gttcgcccat 28440
 agaaaatcaa cagagactac cggacaattc cctacgttaa taatatccat ccttgtgtat 28500
 gtaaaataat acaatgtaaa caataatgat tcaacaatga ccttggtttc ttctcataca 28560
 actgatttcc cgtaaaggaa acgaatgata aaaaatcaca gtcgcggaaa attcaaatac 28620
 tcgtcatatg agaaattccc taaaatctta tatataagaa agccacaaac cctcacaacc 28680
 tcatagacac caaactttct gaagagcaaa aagagtagca aatcacggcc accattacaa 28740
 ctatgttcgc cttcaacatc aacattttct tcatctatc taccggaaga aacaatccag 28800
 agattatctc tcaagataaa cagatccata agcggcagcc atcgaatgat actgacattg 28860
 aagtggtaag aaatatcaaa aaacgcggat acaaattttt accgatagaa acgcgatatt 28920
 tatttaagca ctgttcaatc ctttccacag gcagacttct taccgaaaa ctacagtagt 28980
 cgaatccgta attcccaccg acaaaacaaa acggtaaaca cttttatcgt tttgttatac 29040
 actaatacc aggagagctc agattttgac tgatctgcac attacgaata cccagaata 29100
 ttacacctg tttgcgattt ttttataggt ctactgctc cacattctaa cgacactggg 29160
 aatgaacggt atccgtgctt ctctatcaaa tacgcattga cgcagatgag taagtttttt 29220

cactaatcca ttttaaatecc gacagaaaaa cacaccattg actatatgta attaatatatt 29280
 ttttatttcc gcagatatga tttaatccga cgaccactac atgtttttact gtccacgatac 29340
 acctttttcct taatgcaaata agcactcacg gcactttata gaaaatgtct cacgatatgtg 29400
 cacaccaatt ttctgaatgt tttcatgtaa tttataaaac atttatttgt atcctaaatc 29460
 tttcacaaca tgtttccgag taatcattga taaacagcat agcaataaca gcatcgtaaa 29520
 tgcacccccca gccaaaaaga acaaccagc agccgacatt gaatgcgtaa tttcagacac 29580
 attctcgtaa tcccttgaaa aatccaacaa cgcttcaatc tccttgtatt tataccaatt 29640
 agtccatgca gacttccatg tattttcttaa gaattttttc ggcatcgat cttttttaat 29700
 taatgaaaaa tatttcgaat gcacaacctt tttcttgtaa atttcatccg acaattgagg 29760
 acagatcatg ctccaggaaat agctatccag agacactctc tcatttataaa tgttcaaagt 29820
 gccattggca tctggcccggt cacttgtcca ttgactcgca ttcatttcag tgctggactt 29880
 gagaacaatc cgttccgttc cataaaatag agtcatcaca cctcctgcgc tatgaccttc 29940
 tagccagcaa tttacagtac tcgatagctg agcggcattt ggaagccttt tagcgatcaa 30000
 agctctgagc atcactctc taaaataata attataatc acacgtagaa aagccgtttt 30060
 ttcagagata gatgtgatat ttccaacttt catggcttta aagccatctg ttagcatcgc 30120
 aaggttgatc agatatgaag ttctgacaga aacacagctg gaattcccag ctaacactcc 30180
 attcacataa caagtagaga tgcatatagc tccaagtttc tgttcctgaa ttaaaactat 30240
 tttttgctcg catgtgagat tcgatgtaaa gcagactccc attacaaagg tataaactaa 30300
 caaggactcc atagttaact tcttcatgat atttagaatt cacagatcgt ttgcaatttc 30360
 ttccaaaaaa tctgccgcat ctctgtggaa tacaatagaa acaaatttga aactttataa 30420
 aagaacaaac ccatttaaga cgcggaaca caattcagtc atctataatc cacatcactt 30480
 tcgtgcactc ttgtaccagc acttgccaca tgcataagc aaaaacatcc accatcccta 30540
 aaactaccct ttgcgcgcac gctctcccca tccgtgaaat aattaaaaaa cctacctcag 30600
 cacagctgcc gattcatgaa cagcattttc tgggctctta agccaatgaa tgttcggttt 30660
 gcattccgat ggagtagcaa tgatacaata accttttataa ggtttttctt gcgcaaaaga 30720

cgcaccaccc tgaacatggt tacaacctac atcatcggtt gccatagcac cgaccactgt 30780
 tgtatcgtag accgagtcga ttcgaggatc agagacatca aaggatatttt ttgcggtcgc 30840
 ttggacttcc gtttccaaaa ttgactgatg aaccaaattt ccaccgagaa acagagtttc 30900
 tgaagaatta tccaccacgt cttcagtttg agtggcagcg tcacacatcg cctcagaccg 30960
 atctgtctgt gtatgcctcg ataacataat ttttatacca ggagtttttg taagtccata 31020
 gattgtgcaa tggcgagcgg agttgtcttc ttgacacgat aaagccatac acaccgtccc 31080
 cccaacatct tttttcgcag atggctgcaa caattcttcc gtcggccaac aaaatggacc 31140
 cttagcaccg aaagagtcag actgaattgg tctcatggaa gcacgagcat cttcttccac 31200
 gcaagcacca ctctctacct tctgaaaccg tctaggtaat acacctgtca aagaaattgg 31260
 ggtatgtctc attctcgtaa aatatttttg aaattgatca ctgtattcat cgcgggactt 31320
 ctgtgcaata aaattactca agatcgcgtt ctgacacgag aactccatgg cagttgtcca 31380
 gaaatctgaa aacgtaggtg acaaataaaa tatcacacca tcttcatatc caagcacttg 31440
 accagttgac gataacaaaa aaacaacttg tctctccgga gccgcagatg caccttccca 31500
 ttctctcggt acaccaaaca tactcatcct accctcaaaa ggatacaacc cgtttattaa 31560
 taaacatctc aactgacggt cagatagaat atcggaattg tcacagatcc gaactttgat 31620
 acaagtgata tggtgaagaa caattccgga agccatagct tctgtacaa ctttctcaaa 31680
 tctcagagcg gaccccgccg aagaaatcat cttatcctta aactgcaaca tgcgcgccag 31740
 ttcatacccg gtgaatgcca ttacgatgtt ttttctcggt aatgattaag ataatcggcc 31800
 atccaaatat gtaagaactg cacaatctta gttaaattta tacgaaaaaa tactgcaact 31860
 ccggaaatgg gtgtggcata atctctaaaa gcaccttaag aaaaaaaca gacactgtta 31920
 acaaaaaaaaa ccaatttatt taataaatct ctgttcaaat cacctcacag tcatggaaac 31980
 attttataaaa ggcaacattt ctaacttgac attgctaaaa ctttcgtgag attttattga 32040
 ctgtcgttct atatcaaacg aattatttcc gcagacaact gctattgaat catcacggac 32100
 gttttgaacg ctatgaagtt ccatgtcgtg attttcagct tcgtagttgc agtattctac 32160
 ttccataatc accataggca cttcatcatt ccctctacgc ctttttagca ccctatttgg 32220

attcgatgaa gatcccccag aaacaaaaaa ctgaatatac cgcgttaaaa tatatagaaa 32280
 catacaccca gcagcaattg gaattacaat gaaaatccac aacagctgca atttattaaa 32340
 tttttttctg tgcggcgctg gaaaattatg acgaggaaaac gtgtcctcgg attccttcac 32400
 gggattcaca aaacctttga aactaaaagc atcctctctt gttaagagag ctgggggtaac 32460
 taataattta tgcgtaattt cacatgaaaa ctcatgatgt gtcatgctca aagctctact 32520
 caatgctctt tcataagagt atagaagttg accggaaatt tcggttctaa tgaaatcgtc 32580
 agtcgtatga tcactgaaa ctgtttgatt gtgaagactc cattgaatgt tcgttccaat 32640
 gggccgatat cgtcgagctg tacagacgag caaacctgta tctctcttgc tgaaaacttg 32700
 cggaggacga tatttagagt ctccgaaaac aaccttacca tagaaattta agatgtcttc 32760
 tacacaaaaa cgtcttgcac aaaacgacaa tacgtgcaaa gaacgatttt gtaaaaaact 32820
 gctcacattt ataagatcgt gaacaaaact acgattctca ttaaacagat ctatctgtac 32880
 ataggttgta tttctcgcta aaaaaacgta gctgccagac aactgcgtat tattgttgac 32940
 gaagcaaacc aattcgctta cagaaaaatt ttgaactgag acatactgaa gcccagcgtg 33000
 caatctatga aattcacgta ttaccacatg tcctaaaaaa cggctctacgg tagaattttt 33060
 tccttcttcc aggcttcccg cgagggtcaaa caacgtctct ccaacagccg tatggttccg 33120
 caaagtcaaa tctccataaa gcctctcgta agcaaaaacg atatcgttat caatgccgat 33180
 aacggctctga agtttaccga ttccttcagc cagagtagtc ttgatgtaaa gtttagccgg 33240
 caacgaagaa acgcattgaa ataaacatgc gacaaaaaca gttatcattt ttaaactctt 33300
 aattcacgtc gaagaaaggt acggcccttg aagaaacagt taaccgccgt agtcaataac 33360
 ttattacaaa aaggccacat ggaattaaca ctaacaaata taaagtatat tatctccttc 33420
 agtcctacaa aacaggaaat acccagaata cccacacaaa ccgccaccgc acccatgaac 33480
 ataaggttca ccatgataga tggtatctct gcgaatgcta acatagtcga accttcgtta 33540
 taaatctgaa tagacttttc gacattcttc tccggaagcg taacgataac attatcgcca 33600
 ctctccttat tcgtgcacat gcagaaatat ttatccccta cccacttatc caatgaaata 33660
 agtccccacg tcacatcatc gcgaaacaaa gacgtatatg caccggacga tctcatcttt 33720

accgttttcc ataccatatac aaacgtcagc ggctcctccg caaagatctc gatctttccc 33780
 agcttgctaa caccccaacc tgaatattca caaactgcaa attctccttc tgcgcccagc 33840
 cacctagaga acgaacattt caaatcatca gctctgaaca atctttctga agaagatcta 33900
 ataaccggca taaaatttag ttttaactcc tcgtcgtaag acagagccat tcgtctaaat 33960
 tcgccgtaca actcagatag gactttaacg tcgttattgc acgaagatat caagtactgt 34020
 cgatatgtcg agagttcagt ccaaagacgt aacatcgttc tgtcttcacc ctggaaattc 34080
 ttatctgcaa tccaagagtt attgctacca tcgaggaaaa aagcaacacg tagtacttgt 34140
 ttcttgagat ttgtttcatt cattctactg agtcgtatcg attttttatt aacagagcat 34200
 tggacttgaa tgctaataaa tgtcattttt ccatgaccac atttttgaac acgctttctt 34260
 gcaagatgca tggttgcact actcacggta ttaaacaata gtttatgtac gttatgaaaa 34320
 acctggaaac atcgaaaaac caaaaacttt ccaaagtcgt attcaatttg actgtcttcc 34380
 attcctccgt aaaacacttg gttgtttacc gccgcactac cccataactc cattttaccg 34440
 cttctccaat ttctgtatgc agatatctct aagagcatct cccagatct aaccgcttca 34500
 ccgttccctg cgccaagggc cggacaagtg gaaggataga tttcaccccg gacgaacgtt 34560
 aagacgcata agaaaacaaa gcagatcatc atgctgcgtt ttccttctct tttgcgatca 34620
 cttagcggca ctaactccag cgatgcaatc tttaatataa gatcgccgtc ataccacagc 34680
 gtcgaggggt tacgcccaca tattaaacaa aggatccaaa gcaaaccagc aagaacaaaa 34740
 aaccacaaca gcaaaaaggt aaaccgagat gcagtaataa acaaagcgct catagcgggg 34800
 taaaaagcgt cttcttttctt ttcggcagaa tgctacagaa atgaagcaat cacctctctc 34860
 tgtagttttc cttagcgtaat cactacata cgtttttagtt ctaattgact ccatcaccga 34920
 ttgatttagt aattgtaact gcacaccgct cggaaaggaa acattacacg tagtatcatt 34980
 gtccacaaac acaacaccaa tttttttatt gtatcgacat aatatcttag accccatggc 35040
 agtctcgata acgcatcgag ggtaaataa aaaggctata tctctttcga aataagcatt 35100
 aataggcaca cttagccatcc gccaccaagc agttccactt ctctgagcca tttttacaaa 35160
 aatcaaccaa tgtotaaact ccgtttcact atgtgttccg ataaaaactg aattttcatt 35220

gttaataata tgcaaagacg ctatcaccga cacgtataat acactcaccc atgctaaact 35280
 ccaaccctga ggcaccataa tcactagtaa caatctatgg gagcctcatc tgcaagtctt 35340
 tgcacccctc ctgatttgca catccggttt attctcttca tcccaaagca aagacctctg 35400
 cttgtctttc ttataccaat tatacaaaat aactatcaca attatgaatg ccccgacaaa 35460
 actaatcccg caaatccaaa ttactaacga gcttagaaaa tctttaaaat actcttcatc 35520
 tccctcattt gtatctgtta actcagggaac ttgaacagta tcagtttccc aaagagcatg 35580
 aaccgtcttt tttggtgtgg atttcgtcgg caaaccctga ggcgtctttt cagacacatc 35640
 ggaaagtgtc gacgctaaga ttactgtgaa aaacgtctca atatcctgcg cctcatcacc 35700
 cttgaccgtt ggaaacgaac ttgttgtaac atttacatta ttgccactgg atcgatttgt 35760
 ggttcccacg gctagcgtag aggtcaccat agaagactgg tttaaataatg ccacagaagc 35820
 tattgatatt tcggtaacat ttttacccca cgtttcggga ttcgccgaaa acgtagtttc 35880
 agatttccca gttaaatagt cgctggatgt cgatacatc gtttccatat ttttagacgc 35940
 aattgaggca aattcagttg ccgaaacttc tgtagtcgtt aggttgagca tttgcacctc 36000
 ttcacagaga cacacgagta aaaaagacaa gaacaacatg tttttgcgat taccacagtg 36060
 caacggtttt ttaatcacac ccacaccaag atagcagaat gaaaacaatc ttttagaaca 36120
 atgttccgca ttagttttta taatacaact cgacgaattc aaattaaaaa cacaaatgcc 36180
 gatcataaga aaacacgatt ttgcattaaa ttcagacttc ctcatatt cagatttgtc 36240
 atgttagttt aatagtcgat gcctgctatt ctttttaaac aatagagatt tttcaacgtt 36300
 catgtttccg ttccacatcg ggtcagcaaa tgcttctaag acaggtaatt ctttttttc 36360
 gacgattcac attgaaaacg taaataacaa aagcaataaa caaatcatt gcgatacgca 36420
 agcccgtcaa aactaaaaaa gcaaacgtct ttcgtctctt gttccacaaa ttccacgctg 36480
 agcgagatga ctgcggaggc ggtaagcatt caacaaacga tgtatcattg ctagcgtgcg 36540
 gagaaacctg tccgtacatg acgtccatca tcagcacctc tgaataggac ggcggcggcg 36600
 tccgagggcg atccatcctc ttcccgacga agattcacgt tgaaatacac ggcgaggaca 36660
 aaatttctcc aaacggactt aaattactaa gataatcgga gtagacgaga aatgcgagca 36720

caaatgcgac tacgagagtg tatgttcctt cccagagttc ctcggcactt ctaggaatgg 36780
 ggaatagagt tttgcttata agcaacatgg taaaacaata caacctaccc tctttcaata 36840
 caattaattc ccctgactag agacgtacat atctttaata atcctcgatc cgggcgcgac 36900
 ctctgacagt gctcacggag aggacagagg acgtctctag aaaacatctc atccacctgc 36960
 ttaatatagt ccgtatcttg cgtaaaccat tgcgtatgca accgacgatt ctattataa 37020
 cgcagacatc caatttttaa aaaatctgac atattgcgag ctataaagag aaggctctcc 37080
 tcgcggtcga cgcaaaaaag cataccgtgg ccgtcaaaca ctactacgag ctccctccag 37140
 tcaccgaaaa aattatgctg tacaataaac actacatcta gtagactcgt ctgcagtttc 37200
 ctccgccact gaatcaaatg tttactagaa aaccagtc tgcctcagatt gcaaaagcga 37260
 acaaaggtct tgtacggata cgttttcaag gtaaaaaaag cattctttct ttcatttcgg 37320
 taatgtaaga gctcagaaaa cgatttactg tgagcaatca tatccagtgc cacagtactg 37380
 tccagtgc atcacacgt ctcataaatc ggataaaaaa accgcaaacc attagaaaac 37440
 aaatcgtgaa aagaagaagc cacgtgataa agacttctgt caaaaaaacc attatacaca 37500
 tagatgtgtc cccgcgcccc ctgaaggaca atcgggtccc tgcaggttct ggtttttgcc 37560
 ttatgtataa ccccgaccac aaccaattcg ccttcgcaac acatataggt cttcgcccag 37620
 ttttgaacat cttcacgtga aatatccgga atgttttcta cactatgtag agtcaaccga 37680
 taatcctcgg gccagggcaa agctaaagtg gcgccctggc gattttcgat aaaatttacc 37740
 aacaaatcga tgtctttgct tgaagacaaa ccataacga tgaactgcc ggctcagagc 37800
 aaataaacac aaatttgaaa aacattaata ctgcaaaaaa ttttattggt gtccaccaa 37860
 acaagcacga taaattgtct aatcacacac caaaatacat gcaacacacg actaaacaaa 37920
 aaaagccgtt caataaatca cccgcataaa aagatctgtc tttcagatcg ctgctcaaag 37980
 tcaacataat cgaactaaac ccgagacctt aaaaggcttc aaagataatt cgatataggc 38040
 agacgttcat catcagtcgc gacaagatcg ccaccattgc gcacgcagca gctttgaaaa 38100
 catttagttt aaaaaacacg ttgttgacca ccgtcagaaa aaaaagatga ttagattttg 38160
 gcataactca gaagattttt ccgatccaga gtatcgtaaa taataacaaa aattcgaccg 38220

taaacttttac aaggtatttc aaatcaactt cacgaaacga cgttgacttc aaaatcggac 38280
 gatatttttg caaactaata agaaatccag atgatcgtat catccatcca tatctcagag 38340
 taaacggcag gagaaacgca gtcgtcgtca agacagaata atcatcgaac atttgactct 38400
 taaaaaataa agacaccatc atccccgtaa acacagcggg ggaataagac ggcataatca 38460
 ggacacaacg acttaaaatc attctcaacc tcattctcga aaaaatcaag cagatcatga 38520
 ccactgcaga caagaatgat ggcagtttcg ccgccattaa agacagaaac acaatcttga 38580
 aatcacctat ggggtttataa aagcgtggat caaattttttt aaaagtcaac aaaaaggaaa 38640
 tcgcaacggt tatcacaacg cctatctgtt cgaggaggga cctccctctt gtcattctaa 38700
 acggatacag ccttgaata acggcaccct tagcaagacc gagaataaaa ctatctgtca 38760
 gacgacgcat ctctgtctct taggattgga gctgtattca aaatgcatgg aatcgtcgtt 38820
 ctcgctatct tctttctcat taaataagct agagcccgca gtcccgtttt tagtggggaa 38880
 catgtagttg gttattttat attgcgtttc ctgttttgat gccaacgcac ttccgtcttc 38940
 gttcttatga ttctatccc cttttccgtc atcttgttta cccattcgtt caaagcgaga 39000
 ttctctttta agctgctcct gagttaaaaa tgcttccacc gtcaacaacg tgcttttgga 39060
 agttaagatc aatttacagt ctttagcggc taccgtacgt aaactacacg acgtcttgat 39120
 tacagcacac atacttaaag cctgctgtaa atttttggca gataaattaa atcgcattgt 39180
 cttaacatcg taaaatataa ccttattgct gtttgaaaac tccagttcat tcattctctg 39240
 cacgaatttt atagtcgggg ggtaacctg tactataatg tgccgcatga aagtgtcaga 39300
 tttaccagag cgttttagttt tagttacggg cgaaagccat tttaacacct cggaaacggt 39360
 cgaatgatca aggtcaatcc tcaacggcga tttcccgtg tctcgcacca cttcttgtcc 39420
 atgcacacag ggaaccgacg cctgtgtaca tgtatcggaa gccgtcacca aaaccctcgt 39480
 atacaaatca ctatcatgct gaatgtacat cttcgtaacc tcaggattcg agatgatgtt 39540
 cataaaactt tcaaagagtg gaatatgatt attaattggtt ttcgttaaaa agtgctccgt 39600
 atctgataaa aacaaacatt ccgcctgaat ggtcagcttt tgcacgagat gatttttagc 39660
 agactgaatt attatcgaag gctgcggagt gaaagtcact gtagtattct cttttaacag 39720

ttttgtaaac gctttaagcg gtttattaat agttttccag cttttcatat gaaaagctag 39780
 ggtcggcggt tctctcagtt ctctatgttc ccgatgatca cggtgatcac gatgatgac 39840
 tcgactaccg cgctccatct ctgtcaagaa cgaagtccta gcaccaactc gcgccttctg 39900
 tgctttaaaa aacaaatgaa atgaccaaca cattatatac tgtatTTTTT tggcgccaac 39960
 attttattac atcattataa aatgttcttt acgtgcataa ccacaccatc cgagcatttc 40020
 ccgatcaacg gtaacggatt tgataaatca aggtgtttat acatctcaga actacacaaa 40080
 accttataca tagcgacttt gaatccagtt ttatacagca acggtagcaa gtgtttcaaa 40140
 ctcacagtat cgttgaaata aaatacattt gcttgcccct gatccaaaaa aggcaaccca 40200
 ctcttataca tctcaatcaa atcattcaaa ggataactaa aaccatcttt gaaaacagct 40260
 aaatcatcca actccttgtc cgtaaataga ttcgtgtcca cgtttaaaac cctatatccc 40320
 acagtcttca aatattgctg atgcttatta aatctgttga gcaacagatt gttatacacg 40380
 ggaatatata acgattttta ttctgacgaa taaaccgaag tgacatcatt taaaccgtct 40440
 tttccaatta cgactttgat gtttgaccgc ctgagaattt tattgtcttc catcggccag 40500
 aacgattcag aagagttgat gatatcgaat tctttctgca tggcagtacc ggcagtgaag 40560
 tgaatattgc gaactccgtg catcagcaca tctttcctta gcgttgtcca caattcctcc 40620
 ggaagcgtgc attcgacatt atcgaattga tcaaagtata acatccccag tgcgtatttt 40680
 gacctgtcaa ataaattgca tggctctgct cctttcatgc aacaatccac actcgttcga 40740
 acacaagtat aataaatgtg ttcacacatc attcgatata atcgacaagc atctggatgt 40800
 gcataggata acccgacggt catgaaaacg gaatgaagac ccgtaatata gatacctaga 40860
 cttcgtccat ctacaattcc ctcacgcaga aaatctttat tctctacagc ataatcaatt 40920
 acagcattag cgaccaacac catttttcga accaccgcc ttaattcatt aaacataaaa 40980
 aatttacact gcaaacgcac aaaatcaatc tcctcgggta gtcacatcgt tacttcgtca 41040
 cccaagaaat gcaccacatt aagcaacatt ctcaaacaag tgtaataacc gtctctgaca 41100
 ggtaaaacat ccaaaaaatc acccccgcaa tacaaaggca catgaggaat catagaatac 41160
 tgatatacgt tttttcgga aataagtccc attctgcccc tttttaaaca acggcaaatt 41220

ttttccacaa aactagccat agtaattttt gcatgatctg ttgtccgctc aaactccaaa 41280
 tattttgtcg agaaagtaac ttogtcacac tttcccagtt caaaagctat atttttatga 41340
 aaaagagacc actgcgctct ttttagctcg tacctatcca tgaaaatccc aggaatgac 41400
 aagcaaaatg tgacccgaga agtctcaggt agaacttgat acaagtccag ccacgttagt 41460
 gcggacacat gccagacttc cacatagact gtcaactgaa ccgtcttata agtatcacgt 41520
 tccaccacct gaatttgaga cagtaataat tcaaaaatat tcttggttc ctgttgataa 41580
 cgagtcacat tcatgcttat atttgaaccg tttaacaaag ccggaaaaag atgctcgccg 41640
 tttactgtta taaaatccgc aagcgaatat aaacatgtat tgtaaatacg cagtcgaaa 41700
 accgtactat tagccttttc cacgaggccc aaatttgtca tacaagaaaa cggtaaaacc 41760
 catttttgag taaaaggga aaacgccaat tcttcgaata tcacgtaagg attctcctga 41820
 tatactctcc gcagataacc atttcttaac acgatctctg tcaaagtagc acacatacga 41880
 agatagatgc atggaatact ctcttcgaca ccgtttaaag aattggaaat ctctctaaa 41940
 aagcgagatg caccctaaaac tcccggcata tattggtttt tccaactcac acttacttta 42000
 tagaggacgc tacgaataaa atctcgatac ttctttacaa agttcaatac atttggcata 42060
 atcacattag ggcatgataa aattaaatcg tccggacaaa agtcgtaaaa aatactcgtc 42120
 tttagatacc atcttcctag cattcgatcc actcgtggaa cgcaatgtgt agctctcaaa 42180
 acagagatta tggcatcccg caaacaccaa gcatctaaac ctgagtcgag ccgatccatt 42240
 atcttagcga tgtcacgaac ccgttcatac aaaacagaag cgcatgaata ttgagaataa 42300
 caaaaacgtt tttgcgacgc ttcgtaatga caaacgcatt ttctgttgta gccaaaatct 42360
 ttattaatac gacgctcctt tctcttcata ttcagacaga aggctcagaa gctatacgaa 42420
 cacttttttc tcagaaaggt caacgaatat gttctctagc tttatcaccg gcagggtaat 42480
 tccacgatac tgcagaaaac ccgatttaat gtctccggt gcgcaacgac caatgcgctg 42540
 aacgcttcca aagtaactca gcgtgggtatt gctattaatg agatagttca aaaacagaaa 42600
 ccgctccttt tcgaaatact gtcgcaagat atcaactacc aggtcctcgt tctgaaaact 42660
 ggtcagaact acgtagatcc catactggag ctttgataaa acctctttgt aaacatgaac 42720

cacgtaaacg tactgggtgg aatgctgccg cggttcccag tctggctcta ggaaaatctc 42780
ttttaatacc gtaagcccggt gaatgttttc tttgttagcg tcatagacat ttccttgcac 42840
gacgcatgac aacagacaac tgctgccgca agaaactaag ctcgtcacac caaacaaga 42900
cactttgtct tccaggtact tacacgtggt gatcatcgat aacacgttat caaccattga 42960
gtttgtatac atggtagtta aagcgggttct cagcgaagca gacacattga aagcgttcga 43020
acaaaggaaa aacagacca caaacagaat tttaggggttg tccacatcag tctcaaaacg 43080
atacatcaac attcccaaatt tttcgagctc cggagccaat aattcgcaag gcgtgaaaac 43140
ccttgccgct atacgtaaatt tctccctgcc ggacaaaaac tgtttcagaa atttcctttc 43200
tttttctaca acattattta aggttcccgc ctcgatagat atatattttc tcttcttcac 43260
agcttcacac gtatccacaa tggcagctcg tgcactcgat ttagagttca ttcttagttc 43320
actcaaaaac agcacgtccc cagaatcatt actagccgct acggcaaaaa tcgagatttt 43380
atccctggca gccgatagcg taacacacaa cagagtaata gcttttatta atcgactgcc 43440
cccgaaaaaa tatcactttg accttatcag ggaatataca gttttctact ttttaaacctc 43500
tacgacctta acatcagaaa ataaattgct ctccgcagaa cttttacacg aagaactcag 43560
tcaaattcgc tcttcgagtt cgccggggcac agaacttgaa aacttaaata atgcagaggt 43620
cctttacgtg ttcgatcgaa tactcaattc cattaaaatg ctaaaaaatg agttatcgctc 43680
tccaatcggc aaacttcgag tacaacccgc cgccaacgac ccaggtaccg ataaaacgat 43740
aaaatactcc aagattcaat ccatcataca aaagggtacac agctttacac gagaaaattc 43800
acttcttgcc aactgccgcg ccgtcgtaga actgatagac gatctatatc ggaaacttta 43860
ctcatggttt ctacatattc tcaactttcg ggacattcag tttccaggcg acacatttct 43920
agacaggctg ttgaaaatgg actactgttt tacatattac ctttcttcaa atcgccatct 43980
aatagatctt ttcgaaaaga cgttggacaa tcaaacatcc acagacatcg ataaattttt 44040
tgacacttca ggaaacagtc cagaactact ttatcaaaaa acgttttagct tgaaaatatt 44100
ttcaaaaaat ctacagccc aggacaatgg attatatatc tatccactac ttaaaaccga 44160
cctgtccatc ctcgacttcc tcggaaccga aaatattctc ttccatcgag gtctcatcta 44220

tcacatactt catcaaaaaa caatccctca agaacgggag aatgatctca ataaaatcaa 44280
 tcaatttttc gctactgtca tccagcaggt tatcgaaacg agaagctcat gcttaccgcg 44340
 gtcgttatcc cgactcttag atacgatttt tcacttcaac agaatcggtt taaacataga 44400
 aacgtgcaga atctacgtcg agatcctctc aaaccacatg gcgacaccag acaccaacc 44460
 cataatcaat acattcacca tcaacttaat ccatattggt ttcaccgcgc acgtgttttt 44520
 catctgcatg gaaaatttca gcccgcacatt cttattctat aataggaaaa aactcatatt 44580
 agaacaacag agagccattt tgatcatcga acgaaatgaa tattccacac tctggaaaca 44640
 aatatctgat cacatcgact gtctcttcaa catctctctc tccgaatcct tttttaaga 44700
 atataccaaa ggaggaaacg aagaacataa acagtttcta taaaaaaccc tattcgaaaa 44760
 atgggggtgac gtctttttcc ctttcacgta ctcggttaacc acctcaaaaa actccacggc 44820
 acaccatatt acaacccttg agctaagggc catctgcaaa gaggtctatc agagcgattc 44880
 cccggaggca tacgaatcgt tacttccta cagcactcat ccagctttta aaacattatt 44940
 cattaaaatc tacgttatac ctatgggtcac atacattacc aatcttacct ttgataaatt 45000
 acaatctgat tacagactca taactctgat ccacgcctgt aaactcttac tcccctcgca 45060
 acatctacta ctacactaca tgggtgtggc atacgctttt tccataaacg tagaccacat 45120
 agatctaggc actttcacgc taataaagtc cgtaatcttg aaaatcgctg accacataaa 45180
 cgtgatgaag catacgatct actcccctga gacaaacctt ctcgtaagca ttctactaaa 45240
 ggcgataacc gactacctta aaaaatacgt aaacccttg atcaaacaga ccataacggc 45300
 aaacttctcc ctgttacaga cgtacataac cttcacgaaa caatgcgcca gcatcttagc 45360
 gaccaaagtc aacataaact tagacaatct atttatctcc atgactatcg gaacagaaaa 45420
 aattgatacc acttcgtttt actccttcat cgctacatgc agaaatttag tacgtcaaca 45480
 cgaagaattc aaaaaatcac taaaaacgat cgaaacttcc aaaaccgcac tcacgaatat 45540
 gctactaaac ataataacaa gcgtctctc ctccaaggag ctgctgacca acgaagcact 45600
 aaaaaaattc atcgacactg tccaacgcat ctccaacac gtaaaccgaaa cataccagtt 45660
 aatttcctgt aacctcgaaa aatgtaaaat ctcaaacgac atcctaatac aatccctaaa 45720

gaagaccatc tccatagttg atgtactcag ctccgatgca atcctaaaca cgtcgttaac 45780
 ttctagatgt ctggaggccg ccacgctcgc ggtttcaaac aattctttca caatactcga 45840
 aattaaaaag gacgcagttg ccgttttcaa gccttttata acacaactat ttgaaagcat 45900
 gaaaccacc acgagtctat ataagaaatt gatggctacc caaaaattga ccaccgaccg 45960
 cattccattt ctcgatatct tcgacgatag gtacaaccta gtcagacacg tcgaacgaca 46020
 attaaactgg tacgccgat atgccgaagc agcgcagcaa gatcttattg cttctcttac 46080
 gttttaacgg tcgcgttcta acccatgaaa atcattacca gtagcacgaa ccaaaatgac 46140
 tctaaatacg gaccgagagc cggaaaacaa tgcattgtcg acagcttttc atttctccac 46200
 actgtttact taaacggaat taacaattct ctcaatgcgg gtactataga cgccataatg 46260
 gaagaaggct atcacttaga cacggccagc accttagctc taatgctaga taactcagat 46320
 tcgcaagact acagactcct caccgaaatc ccagaagga tccattctag gtacggcgtc 46380
 acacagcatg aactctcacg gccatttaac ggaaccctag acacacagaa aattgacaat 46440
 gaggtatatt ttggcctcat agatttcata ctgtatggca aaaccaagaa ttgtccagct 46500
 tttgcagtca tcacgatcgg cgtcgtatcg cgagcaattt tttttcttaa caatactctc 46560
 tacttattcg actctcacc gactgaacga gaagccacag cagccatcta catctgtcaa 46620
 gacattgaag aagcttatga actgctcacc gccacggca ctgaaggctt ctactacgac 46680
 gccagcttca tttttttcat agaaacctcc aatttgctgc tctctagtca cgacgccgag 46740
 cttcttatcc taaaaactta taaagacccc gacatagcga ttacgctaga taaattttct 46800
 tccacggaaa tccatgatat aaaaaaaca gatgatatcg aatcgcaaca agacctcggt 46860
 gcggctaaaa cgacagatct agaacgcgcg cccagaaaaa gaaagaaaaa ctctcatagt 46920
 ctagaactag aactaaatga caagaagaaa aaagataccg catccttgac atattacgca 46980
 acggaagtcg acctaattcc gagcttttat gaactacgat cacaatttca atctttatct 47040
 cacgatctca aatcttttcc tataatgaaa tctcaattca actggaccat atacttacia 47100
 gattctccca tgaatcctaa tcagcccttc gcaacaccct ttctctggaa cagagttttt 47160
 cacttattgt gtcaaatcgt cgacgtgttt gtaggcgctg gatccacaaa tgacgattct 47220

agcaaacaaa agcagcaaac gattttcata aattatztat tgcttttcaa ggacttttcc 47280
 gaagtattca acgaggcggt gacagcttgt caagaaaaca atctggacat cctcttgatt 47340
 tacaataatt acctgtgcaa aaccacgacc ttctgaacac tcgagagaat cttactaagc 47400
 aaatttctgg caatagctga taatgagcac gaaaaacatt atgaatgggt caaatcgtgg 47460
 accacacaaa tgctccaaga gatgccaaag aaactagatg acatagagaa ttatctaaaa 47520
 gcctatgtga gccagaacct tgtgaaacac ttccatgaat tcgtttgtct gaataaggca 47580
 gaaaaacaca acatagctgt tctgctcaac gaaaaacgaa aagagattca agaagatatt 47640
 gaacgagaca agaatatattt cgcacaaatc tctaatttta ttgacaaact cggcgaaact 47700
 cccgcacttc ctatcgaatc agaaaacgtg cacaaagttc acacgagcga catcactgaa 47760
 gccatcggtc cgcgtttcat gactgaatcg attgaattac caaacatctc cacactgaac 47820
 aacacccaac aattatccct agaaaaacaa atcagtgaag aactcaccaa caccatccac 47880
 aactcagaa acaaattcac aaaaatcgta caagataact ataacaatct cgctgccggt 47940
 ttcatgccag ttaccgaact gaattgccta ttgacctacc tggtaaacct ttattttaac 48000
 attgaagttt taaaacacag cggcctaaac attaacactg agttgcttca agaagtggaa 48060
 aaactgtatg acaacacgca atttctacgc ttcggaactt ctacttcaa tataaacaac 48120
 ctttgaact ttaccctatc tatcagaaaa atgttcgtcg atttctataa cagtcaaaaa 48180
 ccctcggaca gagcttccga aatcctagcc gcaatcgaat ccatcttagc ggaccccagc 48240
 aaaaacaaga caatcgtaaa tatagaaatg atcaaatac aactggaaga actggggaaa 48300
 atggaaatct ccaccaccga aaacaagcaa acagctgaag tcacaaaaca aatccttggg 48360
 gaccaagagt taaccctat ttacgatttc ctgcaccatc tctctgctta taacctacct 48420
 aatactacga ccgtaaaaaa ttacacctc catttcatct tagaaaaacg accagatatc 48480
 gctgcgattc tccacgataa aatacaatcc atacttgaca tatgtataga cgacatgctc 48540
 aatgacataa cagtccctga gcagacgttt tcaaccgttc tatttcttgt agatctcttc 48600
 ccaaacagca ccgaaaaaac agcactgttc gaatccgttc tcacactacg gcaattagca 48660
 aagaaatgcg ctaacttaaa aactctagaa gaattcgacg atctggccca gttcatcacg 48720

acgaacagcg aacaactcca aaacatgatg aaacagcatt ttggaaaaaa aataccaacg 48780
ctgatggatc atatcaaatt tctctactct caaaaaataa tcaccgctga agagaaaaat 48840
tggatacaga gagcaaaaac agccgtcatt acatctcccg aagaactgac agccttctta 48900
gccactgcac ccactaaaca cgccttaca acttgcaagc ctgagctcga taaagcacta 48960
caacgacata tggaagagca aatgaaaca actgctgaaa acgacaaaaa acacatcctt 49020
acaatcagaa acaccctcga aaaaagactg aacgacatct tactcattct aaaaaacggt 49080
caattctcgt ctttggaac agtgcatttg aatcttttag aaacctttct aaaacaactg 49140
caggataacg atctcatcat tcacttcact catgcactac tgccagtgtt aaaggacata 49200
gaaacgacca tcagcaagac catctccgac attctcgaaa agatattaat caaaactcct 49260
ctaaaccccg aacagatgtc caaggaagaa caaaaatata cccctttact cagtttctta 49320
tccaagttca aaaaaacaac attctgcaca gaagatgtaa aaacagagat cgaccaaatg 49380
caaaaaagta tcacgttcct cacgaaaatt gctacctcca ctaataaata tactagaatc 49440
agccactccg tctacggaca agaattaaac ctctacgaag aacgcatcac agagctgaaa 49500
aaagagacga acaaaataaa agaaccgctc tccaaagaat acgcagtagc tgagaaaaaa 49560
attcttctct cgtcacaaga tgcaaaaacc aataaaattt atctagtcct aaatacgcac 49620
acgctgaaag aaataaaaaa cacccaattc agagaaacgg catctgctaa agctctcacg 49680
gtcgaagtca acaacaaga aaatcaactc caggagctgt taaaccactt taacgcacac 49740
ctaaaggcga aaatggatca gaaccatata acaaaacttt cattcgatac aaaatggaca 49800
gcctttgttt cggattccag gctctacttc ccagacttcg ttgacatcaa actgcaggac 49860
tttatttctg atccctttaa agttataagt cagctgatga acaaagcagc caacgagatg 49920
ccttacattc aagcagagat aactctcaa tggttaacac aattagtaca cgacatcaac 49980
aaattctgcc tgtcagctat aagcgaattc gggaaagaag caatcccgtt caattacgcg 50040
gccctacgag atttggagta ccagattaac accaagtacg tagaaattga aaacaaagtc 50100
atctgcaacg aaaccgtcga gaacacgaaa aacattccga aactgactaa gctcttgaag 50160
gagttagatc ctaaacgcgt tgccggtggc cagaaacagt atcaaactct catgaacaag 50220

attctcactt ccgaaacttc tatgcaacag acctacgaaa aagaacaact caaaaaagaa 50280
 tacttcgaga ccgtcaataa tgtcgccagc ttcaagttag cattcaactt tcctaagcaa 50340
 cgacaaaatg tggaacgact aatggagaag ttcaagtgcg tgcccaaaag ccagccattt 50400
 gaaaaatttc cagaggaaaa tgacctattt tctgactcac tcatcacaga aaattatatt 50460
 aacggtctgc gcgcactcct caacttcata acgcgtgcgc aaaactacat ccagaacaca 50520
 cttctgaaac aatgggcggt atttcagcaa caaaatttca tcccgatcga tgactcagta 50580
 gcgaatgtca agcctatttc ggatttatat gcccgctca ggattgaacg ggaccgtcaa 50640
 gtgttctacc aagtaaactc tgtctttgga actcaactaa ttgttgacga aacaggagtt 50700
 ccgctgcaat tccacaacat cttttacaac gccgtagtga agtttttctc cctgaactac 50760
 aagcagattc atgtaccaga agacaccccc cgcttggtat ctagccaata taaactcctg 50820
 tccgtgtgta aatctttcat aattatacta cagcagttct gggagaatat aatcactctg 50880
 gacctaggct ccgacctcag agacggtaca caaaatttta aaagagaact tataccgaac 50940
 gtgaacttga aattatttat atacatcata acacaagcct ggacagcatc tgaagacagt 51000
 actgtttcca cagcgttcga attgcccac cagcaattca cacttttgat actatgctca 51060
 catcctgaat atctctacgg ctgtctcagt catccaacag atctggttat aaattcatta 51120
 gccaaaagca tagacaaaga cagtctctat gacacattcg tcgttagcca caaccctccc 51180
 gagaagccca tgcatttgat gagaagtata tgtatcgaca ccagctatg gcaatccgcc 51240
 aaacttatga aagatacctt ccaacaaaca ttttttacac aactgtgccc caaaaacgaa 51300
 aagtttttta tctatctcac tgccttctta attctcccct ataaatttct gaactatatt 51360
 tggattcaat acaaaccgat cacttttacc caaagatctt atcaaaactt aattaaggac 51420
 ctatgctccg aatacgtaca ccaaaataag atcaccatgt cctcggtaac tccccacgaa 51480
 ccggacacaa taaaatccgg agaaaagatt acctcaaaaa tcaccgtaca caaagcacia 51540
 aacacaccga cactcactcg cctgcaggct caggaatatg tcttcgacta cattctttac 51600
 tctttcttga cggggtacga aatgacattc gctatgtaca tcgacaccat cgaaaaaaca 51660
 tacctgcttt gcatgagaca cctggaaaac gtactccacg ataaagactt ccaatccgtc 51720

ctgagagcac gcacattcga catcaactac atcctgaaac agtcatggac taagaacata 51780
 gtcgaacatt caatcttttc agtacagctc aataaaatcg tctcctacct caaccacaca 51840
 aacagagcga cacccaatat tcccctgata ctattttaatt atgacaacga agttgtcaac 51900
 gtttatctac cgccgatgtc caccaatcca aaaaaagtcg ctttctacat aaaaaatcct 51960
 ttccactttc ccgtgcaaga atacgaagcg acagatttaa tttcctttca tctctacca 52020
 aaaacaacag atatttttaa ccaacttccg cccaataaaa ctgtgtctac tcgcccatac 52080
 aaccttagct ctgaaacttt aaccaccaa aacctctccg aaccaaagtt taaacagcct 52140
 accgttactg gacttatgcc caagagccaa tcaatcatcc tatccactga taccaacgta 52200
 ctggaaacca gtccagacat aaaagctaac acggccagcg cagcgataaa agatgtcact 52260
 ctagctcgag aacaaatcag cgagttctcc gaatcgataa atacaactct ttcaaaatta 52320
 aaatctttgt atctgtaaca ttcgacacac aaagtcatgc tccttttata aatttttatt 52380
 agttaaacat acgaaataaa tgaagctttc atcaatcact ccctgttttt gtgttcagtc 52440
 tatgcagcgc cagcattctt atcaaatcga gtcggaacgc cgttttatcc acgttaccgc 52500
 cgttctgctt agcgtatttt ggcaaaaaga cccaaggac gggatgattg gccatggtag 52560
 gctgcagccc taaaacaccg gtaagcatct gctgcttctt cttttcctcc tctttttttg 52620
 aagaacttcc tgaaatctga gtgatctgat tcgacaaatc atcaccacgt atggtcgtca 52680
 tttcaaatac acctcacgtt ttgggaaatc tgacaacctt gacagatatt aacacagtct 52740
 tccagatcta agcaagtctc tctaaacgaa tgctgacaat gctgacactg aaaatcagaa 52800
 ccgtgtgaaa caagccgtaa caacttcttg acggtcacgt tgtagagatg cacagtagaa 52860
 taacaggatc tacacgaaca aggaacaata acatcgaact tcacattgtc atttaaaata 52920
 gtgcaagcag aatttggtcc gatcaccgcc ttccatgaaa cagttttcac cttcatcccc 52980
 aatacacaat gctcagacat ttcatatatc cgctcgaaca ccaactgctg actcccacac 53040
 agcgaacaat acattacatc cgtatgcatg ctgtatatca aatttttctc ctgcttgtct 53100
 ctaaaataga acatggagct caacgaaaag ccctgcggcg aacacaactt ttcttttccg 53160
 gagtttaaac agtgaccaca ttttgcacaa ataacgcaaa tgtaactctc ttcaagtata 53220

aaccgagaac atttagtctt acaatagcac atgacgggta acgaaataac actggtagct 53280
aagccatcct ttaaggacgt tgccagggca aaggtagaa tctttggaaa atcaccccgt 53340
tcaggtttgc tcggcaccat aggtactaga ttattatgct ccactggaat aagatatctg 53400
tctgcgctaa aacagaagtt ttccaccaa gccttcgcca tagtaaacad gaaattcccc 53460
gccggagatt tcaaagcata cttttgcaac atggagggaa atgacaaaac gtgctctctc 53520
tgcttatatc gcaacatcac cgtctcggtc tgctcatagt cacgtaaaca gaatagcctc 53580
atacacggta agttgacgtg cgtcggaaac ggaagcaaca actgttgctc gaacagaaac 53640
atgtgcaact cattgatttc ggaaaacgag ggcattctca gcaacttatt aagcttgtag 53700
gagggataaa ccctaaatct agtctcgacg tccatccatt tgattctttt aagtttataa 53760
agagacaaca attcgagaac tttgactgac cgatacacga aatacagata ggcgagcaaa 53820
acaaaaagac cttttgtcat aaccattttg ttaaaaagtc gcttagtgat aaatcgcgtc 53880
tccggcctgc aacgcagcca aattgcaaaa aactcattat aaaatttttc cgttacttcc 53940
ttattcagga attttttatt tgtcaagaac attgtaagaa cacattttcc tggcacacag 54000
gcgtcaccca tcacaaacaa ttgcaaatga gtgtacggcc catgtttaca caaccgggcc 54060
agaagctggc gtaggagttt ttttaagtag aacataacaa aaatacaagg ctaaaagaaa 54120
gcagatgctg acaatcgcaa cccgacaatg cttttcactt agtctcgaaa acttcacacc 54180
ggacaggaat gacttttctt tttcatagaa ctggtttata ctctcctgtg atgtcacaac 54240
cgcagaagct ttatttgcaa tttctcgtt acttccgagt tgcccccttt ccaaaacatg 54300
tgaagacctt cttcgcaaac cttgacaaaa cctattcgat tcgagatgct gtttcccat 54360
agaacacttc ttaagaaaa ttgccttcaa aagcgaaatg tattcagatt cgttttcagg 54420
cccaaacgcc acaaactcca caacgtaagt ttcgtctcga ttacgcctaa ttatacattt 54480
cgtgaacact gcaaaagttg aaggcttcat agccactatg tcgctcatgc gaacagtcaa 54540
acattcatta acacgcagaa tgttgcatc tctcacagca tgatggcctt ctgctttaac 54600
cggggcatgc aaataacaag acatcgacac acgtccgcct gtgtttttga acacaaatct 54660
cggttcctgc ttagttacat gttcccagag actcaacaga tattctagat tataagcgta 54720

gtctaacttg agaataatat cacacaaagg aaatttcgga tttttcgaca ataaattccg 54780
 ctcagtcate ctatagtcac gagaccccaa ctttaagata cgacaggtcg cactcagtag 54840
 ttcacgtac atcttttctt tgagtacgtt agccatttca cctatttaaa agctattccg 54900
 tatttaataa ttcttgatgt tctaatttc catttacatt taacagcttt gacaatatcg 54960
 aagtgagaag tatgattttc tgagccatga cctctcgatg cacgcaatcg acatccccgt 55020
 gaacgtatct agaaaaagca acgtgtctat atccaacact aagaaaattc agtcgcgct 55080
 ccaaagaagg aagcatcatt tcatataatc gtggcagcat tggataaaac acgacctcaa 55140
 actcccttcc ctgctcacag acttgctcat acaaaagttc aagattcgtc ttttcaggtg 55200
 aggagtccat catgtacaaa ggatgggact cagaagcgtt gtctatacaa tctgagatag 55260
 taaacgagat tctgttatat tgctacctca ctccccaacc accaattcct tccgaaacga 55320
 caacagccac cagccccacg aacatagaaa acgaaatctc caatttagaa agctctgaaa 55380
 acctagagga attaaagcga ttatccgtcg cattaaatat agacagacga tgcaatatct 55440
 gctccatcgt aaatctgtgc ctcaaacaaa acaaatcatg gatctacgac tacagtctac 55500
 tgtgctacaa atgcaactac gcgcaaaga ctccattgtc tcttctgac gtctccgcgg 55560
 aatttataat gttaatacga gaacgatttc caaacatcaa ttttgacggc ctttttcaga 55620
 acaacattgt ctccatcttt gacttccacg ttcatttttt tattcacaga tgcttcgcaa 55680
 atacggtcaa cgatcacatc caaagcgaaa acataaccct gatcacatgc atatcgatcg 55740
 accctactaa aagagacagt ataccgcaca tcaaaataaa aaaatttcta accaaaaaaa 55800
 tgaacccgaa aaaaacacaa aaccccgaa tgaataaaaa actcacagtg cccatgaaga 55860
 ctgcttcac gacactctta ttctatatgt ggtctggcac aaacgtcttc gaccgagttc 55920
 ctttcacgga cctaactatc cgcaaacatc gcttcatcaa aaacctgtat tccaacaaaa 55980
 ccgacatcga actcacagct ggtcccatc tattggcaca gattccattt tccatcacca 56040
 aaaacaaaac aaccagcgtc tgtctgctat gtgaactgat ggcagcttcc aaacaagatt 56100
 acctattttt aaaatatcta catcaaagca tcatggacta ctgtcaaaac aacctaaaga 56160
 tgatagatag agttcagttc gtcattgccg atatcttcga gaagacaaaa atacacatgc 56220

acgtcaagaa tctttccgac tacagcaagg cgatatcga taacgaattc tcattctccg 56280
 atgataactt cactctcgat acccacgttt acctgatact ccgccagact ggaacagtgg 56340
 gagtctataa gcacttcttc tgtgatcctc tgtgtctggc aaactgtaaa accattaacc 56400
 cggaggttct cttcaacact acagacgccg gagaaatcca agacttgaaa gtcaccatat 56460
 gctaccgtaa cgaatattta agcatcgtcg aaaaacatgt ttggctagcg atacatcttt 56520
 tcaaagcttt tcagattatt aaaccaaacc ataaaaataa aactcaaatt gcagagtttc 56580
 tcaaagactt cactaactta ttagcgcttc accacttcga tatcgtcgat cccattttca 56640
 ccgtcaacta ctacgtttta agaatgactg tacacaaaaa ccgttttcga cgatcgcgaa 56700
 gcctgtccgt gacacacaga atacaaaaac gacctgatca cagagaaaaa acaaagcttt 56760
 acttacaact gaaactccac gatctacacg ccgtcttcaa cctgtttcca gaatacgaac 56820
 agaaatttct agcgatcata aaactgccaa ttaccggtaa agaaccatc gacgtcccat 56880
 tcagtctcag caatcaccat caacacacct gcctagaatt ctctccctac gctaacgaac 56940
 aaatctccaa aagcgcttgc ctacactgcg aatccgtctc cgttccaacc tctcagatg 57000
 caatggtcgc ccacttgaac caagtcacca acgtcatgca aaacagattt tacttctacg 57060
 gctttcgaaa ggacatggag ctgatacgca tgtccgcaa acaaccact atctttcaaa 57120
 tcttttatat tgtccacaac acgatcaaca acatatccc tatcatgttc gaaaaaaaaac 57180
 aaaagctcgg aatgcacata gttttccagt ctgcactct gcacattcct tgtgaatgca 57240
 ttaaacaaat aatagcggta tcttcgggct acaacgttta tctagatata ctacaagaca 57300
 gtgtaatcct aactgtcctc tgcgaaacac tagatactaa tactaatatt cacattgaca 57360
 tagggatgct tcaaaaaaag ctgaaagaaa tggacatccc aaacgaaatc agcgatagac 57420
 tcgaaaaata caaaggacat ctaatagggt tccattaaac cactttattg ttaacatgta 57480
 caaacgacaa aaccgaaata cgttcacatt acctctgcaa tagcagaaaa cgtttcatcc 57540
 aaatacactt tcataggaag taaatacaat agtaacttct ctttttttat atcggctctc 57600
 ggaaaaatgg gtgaaatcgc attagtcaca gccttgataa tctgatcgaa atacttctcc 57660
 gcatgtatag gaatcttgtg ttctaacaca tagtttggat cttctgctaa ttcatagtta 57720

tgcgtctggt tattaccagt agatggtgct attaacacat acataattcg gtcaccaaca 57780
 ttcggaattt cttcctttct ctgcgccaac cttctaataga cgctaaggtg agccagattc 57840
 ggctgcttat atgcagccac ctcccttgga agcacagaag acaacatcaa atgtctcacg 57900
 tctgcccgat tttgaaaaag ctccctccgc gctttgcaca gacgacgcaa aattttatga 57960
 ataccacag gcactccttc gtcacgcaac tgtgtttgcg tcatgtgaga aaactccaca 58020
 gcagcagtct gaacctcttc atcaaagaac aacaagtcca cgatgtcttt caccacacct 58080
 ttcacaaaat cgcaagaagt ctttctcacc agatctaccc ccttaaaaat taaaagcgag 58140
 tcatcctgtc taccaatata tcttttttta caaatcaaaa tgagcggaca taaaatcttc 58200
 tcgaactcga gcttgatagg cgatttgaac aagcgatctg tgatatgttt ggcgatcatc 58260
 ggcgcaatcc tccgcagaga ctcattagcc atatttctga cagacataaa gatgctatcc 58320
 gtatcaccat agattacctc cactttttaa tcaccagtaa aatctgatgc cgttagacct 58380
 agttcttcgc aaaagaattg ctcggaactgc atcttggaat taacataatc caccgtggaa 58440
 caaagcatct ctcttccaag acaggttaca gaagcagcaa tcgcaacaca cggcaataac 58500
 ccgtgcgccg ctcccgtagc accgtacacc gagttacatg ttgttttgag agcgagctgc 58560
 tttttatcca gaaggagttt catcattgga tccgaacagt tttgcatctc cgccttcact 58620
 tctcgtctct tggccagcca gtcctttagt agacttccaa gcacagactc gcgaacacaa 58680
 ggcttcacaa accgatgggt ctcatccccc aacttcacgg ttaagatgtc actctctgat 58740
 aatccagcta tttgccgttc atccaaaact aaggtactat aacacagatt atgcgccatc 58800
 ataatgctcg gatacaaact ctgaaaatca aacaccacag tgggcacagc ataataacct 58860
 gtcttaggct ccaagacggt agcccctttg taacctatcc cttgtctatt atgcgaagac 58920
 accatactcg gaagaatcat gttacgacgt tttgcttccg taagaatgca gggaaatata 58980
 ttcttctgct gaccctcgaa caccacacat ctagccgtga cgtgtgcaa tctggcgacc 59040
 tcggcaacct cataatgata attaactctgt ttaaagagac gcacaactaa gacagagtcc 59100
 tgcagacaat atttaccgac aacagccctg ccactgggtc cgctaataaa tttctttggt 59160
 atttccttgt acgataactg ctctttttct tgctggagac agatcttagc aatagtatcc 59220

agtttgtaat tctgcgccgt tatcttacta gaatagactg gatacatatc cagatataac 59280
 actccggaag taaacacctt ggtttgccgc tgaaggaacc ccttcttgta ctgttcatgt 59340
 ggaacagaga ttccaatctt tccattcttc agtttagaaa aacaaccaat ctcatagtgg 59400
 taaatcttat ccatccttat acacaaatat tttaaataca aattgttaat attataaccg 59460
 gtaataaact ccggagattc aatccttaaa aatatgaaaa atcccaaaag taattcaaac 59520
 tctgacgcaa attcatatat atgcacgccg tcaatttggt cacagggttc cagagtaaac 59580
 agatgtctct catcacggtc gccctcagta tcgaaactaa ctacagaaat ctgaataact 59640
 atatcaccca aattttcggc atccgggaaa ttcccatttt ggcccaaaca ctctatgtcg 59700
 aaggaccagc atccatataa gggccaattg acgttttcca aagaaactaa atccgagaca 59760
 tgacagttaa tttccacctc aagattactc ctttttccca tatcttgagg aatatatttt 59820
 ttacattat accatccgaa actcaaaaaa ccattatcga cgaagaaacg agtcaaaaca 59880
 tctacatcga tttcataaac tacgaatccc tcattctgca gaatcttccc aatacgttga 59940
 gatacataaa aatttcctaaa actcacttta aacagattaa caacagtgtt ggcattgtac 60000
 ccatacaatg acaacttatc agccgggtca atgacaaaag aacacgacat cttaacctcg 60060
 ccggttaaca tcaaattggt tatagtagcc ttcaggcttt ttccgctcgac acattcgcag 60120
 taaaaatatt gctcctgtcc aaacacgttc acacaaatct tctcaccgtc ctcagatctc 60180
 ccaaacatcc taatcactgt ccccgaagga atcacaaaat gtctatactg aaaaggaaga 60240
 ttctcgatcg aatccgtaaa cattaacgtt tctacagcat catagatgtg gaacttcac 60300
 ctcgatatgat cataatcctt ggaccgaact ctgtccaaac tcggccaagt catttctttg 60360
 ctcagtaaata actgtcggtc tcgataaaac atacgcgggt cagagtcaca aacatccttt 60420
 attaagcccg cagcaccatc atgcattata ccgcgaggaa gtatacgaat gtaactcgat 60480
 ctgctttttt tctttaagcg attcgttcc aaatatggat taaaaaatga caccgaatcc 60540
 atcacgcttc ttctacattt acactcttat aacctctata cctgatcctg tctatcaaac 60600
 taggttttga ggcattgagac tcagaagacg aagggtttct tctgtaggac tcgtctaaag 60660
 actttatggc cttgagcatt tttaaagcat cttcttgtga atattcatca ccacttattt 60720

gtccactgac gtcagccata ccctcctctt tttccgaaac cgcaacagat gtgcccccg 60780
 cagcatcttt aacactaggc gtcttgacgg cagtgggtccc cgtaacactg gacacagtag 60840
 tcaccggatt ggtggcataa ggaaacatca tgtcaatagg cttactaagc acatgttttt 60900
 gtctaacgaa aaccacaatt attataacaa caactactat cgctaaaatc aacatgagac 60960
 ccccccgaa tggatttttt aaaaaagaca ccaactccacc cacaatatcc ccaagtgtc 61020
 ctgccgtaac attataacc gagcccaatc cagtgcctat agccccaagc ccttgtaaaa 61080
 aagaattaat ccattgaca tacgacggcg tattagtagc aatttttagct tctatagtat 61140
 atagtgcgct cttatatgag ttatatcac gaagaatatt ctctaaatcg aaaacgtttg 61200
 ctctactcaa ttcgtccggc gaatataaat caagtagttt aaaatcagca ttttcgagag 61260
 ggtcaatctt tagtctaata aaagcatcca atacctcaat gtcttctatg ggcgtcgaat 61320
 tcgtatgcgt ataatcggtg tacacgtgtg catgatttcc agatagaaat atctttgtac 61380
 taggtatctc acattcctct gtccatgat caccacaacag aatctcatta tctaacccta 61440
 gctgaccagg gacaacctca ggcgtggagt tcacaaagct aaacgtcacc aagggccgat 61500
 tataacacac cgtttcactc cttaatccct tcgcatcgac gaccgcgata ctcttatgaa 61560
 gctgaacgga tgactgatta acttctatgc atttcgagat agctaacaca tcaccatgca 61620
 actgtgcaga tatcggacga ccgtaaacct cagacacgat actcgatgga ctgatcttac 61680
 taagtctgtg caacatcggt atcgttcgtt tttgatcgag gcaccaagat tctgccaaat 61740
 tccccaaggc atcgttgata taatctttca aagtatcata gaggtactgt aattgcacat 61800
 aaagaatatc atgtctagac ttgacatcca ccaaattctg cctcctacgt aagtttactg 61860
 aacctgtc aagaaccata agagattttt gcacaagagg ctgccaaatc aaaatcagat 61920
 ctcccgtagt cttaaaaatt tgataactac cgttcatgct gtatgtatca ttataatctg 61980
 acatatagac ttctttaatt atattctcaa attcattctt aatacacgtt tgtttgggg 62040
 cggtgaagatt taaagaatcc ttgggggtga cgaaagcggc tgtcaactcc ttagaaataa 62100
 agtgataagt ctcatccgtc tccgctcgaa gcccgtagt caccgtagtc caatgcttta 62160
 gcatacacac cgattcattc tcttccttga tttcccaaga aaacagagta tcccccttct 62220

cgagaaaagc gatcttcctt actaacgtag tagccccatt cataccattc attagatctt 62280
 ctatcatagt atagttttcc aagattgtca atttttctaa cggctctgca aaatgtttac 62340
 cgtttgaacc gtcgaagaac ggagaccctt ccacgatttc accagtcgtc aaagcaaagt 62400
 aactaaacgg atattttcgcc ttagccgtag cctccgtcac aatacaattg agagacgtcg 62460
 atgtagaata gagccacaaa ggaccccttg caaagtaggg ttctttcgta gtgataaatc 62520
 ttttattagt aacagacttg aaattcagag gaaataattc tagagtttcg tttttattat 62580
 tatcctcatg ataggcacta aacaccgtac catcgggtcg ttttatcgct acggctgaat 62640
 aacactgcmc acgagaatta actaaatttg cttcgtacat cggcatagcc aaacccatca 62700
 ccgtccgac cagaaaataa accacacca catcacggta actggtttg aacgtcagct 62760
 cgtttttata cgttctcact ggaaaagtgt aggtctcgat atttgttttg taaatgatga 62820
 aaaaaccctc cgacatcttt gcattagact tatatggcga gcacgaaata tctctgtcga 62880
 accgcatcaa atccgtacct ttggcaatcg aacaaatccg aaaaggatat ttgtgattat 62940
 agcccgtctt gatataatta tccgaatcgc aatatatcat taaaacacta ttcacaaaa 63000
 agacagccag gaataatact gtcattcttc tcattctccc taacgagatc tagtagatta 63060
 ggcgttcgaa cagagtaact tactccttcc ggcacgtcta tagtctccct cgacaactga 63120
 gcttgcaaat cacaatataa cagcgaatac acgtctttta actttgtcat gccaccaccg 63180
 gtgtgaaata atagaggaga ctctgtgatta aatgtcaaaa cgacatttcc attcaaattc 63240
 tcctcctcat ctatacgtac aattttttaat cgctttccga aaacatcatt atatagtgc 63300
 acagaaagtg ttaactctct gatgaaattc cacatttttt tctgcatgtc atttacatca 63360
 gttacaccgg aaaagttaaa aaactcatta tattcgcaca ccatccacac cctgggatga 63420
 atagtgcctt ctatgcattt cgctaaatct tccttcatat gcggtaacat ttctgcgtgg 63480
 tcgcaaccat acgccattga gatattcgcc ggaagtggat aggcagattt atgaaaatcc 63540
 gataacggac ccgttaacaa tgtgtacata atctcactta aatccggcaa aagctccaaa 63600
 gggagcttct tcggcatcag attattttta atataaagat gttcatcgta tgtacagcta 63660
 tctacacgaa gagagccatc caagtacatt tttctgagaa cgaaaccgtt cataatcttc 63720

gataaagcct caaaaataaa attcccatac acgttcacac tcactacctt attgatgagt 63780
gattcctgct ctogaatata tgccatcacc ctattataac cagattcaga aaccttttga 63840
aaatacgctt ttttccgagc caagacttcc tgctgaagat tatgagtttg aagcatgcaa 63900
ttgatcgtgt tcagccttcc cggtgtttct gtcgtctgtg gatcccgaat gtcatgcaac 63960
agactcttaa ttttatgttg aacctcatct tcctcagcca atctttttaa tattggactt 64020
tcctcgagat ttttaatgct cagaccagtg acaagatcta tcaacctga aggagacaca 64080
taaatagagc caacgtacaa gcgctcgtca tgcgtgagca aatttttact caaagccaag 64140
aagtcttcag agacttcacc gtaaagataa agactaacat cattctgtaa ttgcttatac 64200
aacgtatgac aactatttaa ctgctgaagc gtaatagcaa catttcttac tatcgtttct 64260
gatatttttag accaatacgt aaactcactt aaagaatata tcacgtcagg taccttgcta 64320
aaaatattat actttttcag agtttttctca gcatcactaa catgcaacga ttcggctgaa 64380
cgctgctgct taaaaatctt cttgatttca gtcacaacag actgaatagt cccatagttc 64440
aaaatggcct ctccctaagtc tttttctatc gtctcaatat ttttttcaat attaaaaaaa 64500
gctttttgct cgggtcaaag attacagaac tttccatgta atcttttccg aagtgatttt 64560
ccttggtttg gagtcaaagt caattcttca taacacttca tgcaagtctt ggtttcgaga 64620
taactctccg gtttcgcaac catacatgcg ccacacatga tagttagcaa gtctataatt 64680
tttccgcaaa tctgcaaccc ttcttggggc agaagtaaag catatacgga gttgatctta 64740
ctgattaatt gttctatata atttagcgta gataattgca cgataaactc aacaccgtta 64800
tttaatgaaa tgtttattga caagtgtca gcacaacgtt tcaaacacaa caccttttca 64860
aaatattttt ttctatcctg gtctaccata aagctttcca acgctgcac caaaagaagc 64920
acctgttcat acatagcttt tagcagcacc tgcataataa ccgtcaaagc tgacgcacaa 64980
agaagattct gttctttgat accttcaaaa aaagtgtgat ataaatgcag aatgacaatc 65040
ccattctttt tgaaatttgc catatcagac aatactatta caggatcaca aaacttttaa 65100
cattcaaggt ccaaagcaca ttcattaagc ctagcgcaca acacacacag agattgtaac 65160
gaattcatac tctgattata atcggttttt cttagtcac ggctcatccg tttcggtttc 65220

cgtttcatca cattttaata caccgcttgc ttgategtcc tcctccgcta gaatttcaga 65280
 aaagtcataag accggagcat cgtttgaaga caccgcctca aataccgact gcaaattagc 65340
 tattgaaaaa tctctcacat tcatatcaac taagtgattc agtttaagca ttatggatgc 65400
 cgctaaagct tccctaccat ccacaaaaaa aagcatatca tccatagtcg gcttgtcctc 65460
 cctatccctc atcacctcag ctattattaa taattctgga tcaatatcgt tagttaaatt 65520
 ctcaacaatg ctgagaacct tgcccttgac cacttccgta tcaaacataa ttgtctcacg 65580
 ccgaaccttt ttcactataa cttctgagaa ctttgtagca ataatcgttt tctgcctcat 65640
 aaatctaaaa tcttgcaatg cagaagaggt agggtttaag ttcttatcca cgccacttcc 65700
 acctatccaa cctaactggc caaactgaaa atattcccta ttagccaagc tcacaaattt 65760
 ctctaattgc aaaccaaagt taaccaaaaga tcgacttgta aaaattgtac caaaattggg 65820
 ttctttggac agtgacgcaa tcacaggatt cggaacgcca tccaaaacta actttttaac 65880
 ataaactaaa tattcctgaa tagaagaaaa tttaggctgc ttgtctaaca ccacaggaaa 65940
 caacacagga ttctgcgtaa ccagcttaga tgtaagacca tgtaagctag tcaagtagtc 66000
 atgaaaacct aaagccgaca aaaacttggt atgaaagtaa caatctataa aagttgagag 66060
 acactctggc tgtatgtcga taatgtctat ctcatcatag gtattcgtaa tactgaatgc 66120
 aaatttgata aaagtcttaa cttcttcggg gttaccaata tctaaagttt tcggaacatt 66180
 gttgagcaga aaacgttgcc ataactctaa gcacgaaatt ttgacattcg gaaacaattt 66240
 atcatgatat ttaaataaaa gaaaggagat acagccagac aagggtattct tcttgtgttt 66300
 cacgttcttt ttaaaataag gattgttgtg tgctgtctta ctggacttgt tgaacggtct 66360
 gttttttatt ctaaaatctc gaagacattg catagacaaa cggcaaagtt tcgcctgaat 66420
 cgtagttttc acatatttac ccgatttata tagatcgcaa tctaagatct gtcctatctc 66480
 aacattcgaa gcgactttaa ccgttctcgt attcagaaaa ccctttttga gataactgct 66540
 gtgaaacggt ccgtacagtg attgatactg ctgaacgagc catttagaaa ttgaattacc 66600
 agtacaaggt ctgtcgacaa catgacctga agccactatc aatgcgaggt tctgcaaaac 66660
 cgttaaaatg accttataat atgcaaacgt caaaaaagga gaaaatgcag ttgcataagg 66720

ggctgatatct acattaaatg attgtagaca attttctatc tgttctctag gcgtttgtgt 66780
 ccttctcatt tcaacaatgc atctagaaac acattcctcg atacattgtg tcaatccgtg 66840
 gattatagaa acaaaatctt ttttacttcg gacattgaaa gtatcttcgc ctgttacagg 66900
 atcaatcaaa gaattttttt tacagtaatc gaagatctga gatacaaatt taccctgtc 66960
 cagtgaagc gtgttttgtt gatcttttcc aatctctttg agctcgctga caggcttct 67020
 gccaaaagaa cctaatatat caacctcggc ataataccga gaaaacatgc tcataacaag 67080
 tggttccttt ttaacatttt ttggtattgc cggcaaacga gtaccaaccc gcaccatggc 67140
 agttccaata cacgattgac aacatttccc atcacagaat tcacataaat tcgccgaaca 67200
 atttaccaga tgattgtaaa tttcagtgtc cgcattaccc gcgttataaa cgctcatagc 67260
 atttaaattc cacactacat aagaaagcag ctgtgggcaa gtcgcacagg cataagccaa 67320
 gtgattagct gaaaatttgt catctttgcc tgatgtcgaa tcacatttga tgatttttct 67380
 attatcgtaa tacacatcct cagtcaaaga cgacaacgca ttacaaaaag acaaagatcg 67440
 cagcagtaat tcttgagtca tcaccgaatt aaacgcttgt ttcacgtttg gtataaatgc 67500
 caattttgag caatataaga tagaatttgg cgcaaagatc aaaacggcaa gatgactaga 67560
 cagatgtaac tttaaattcg tgagctgcgc catgcgttca gcgtgtgtct ctgagtttct 67620
 tatgattggc cagtcattga aattcattat ctgactgggg tcatacacccg aatccaggta 67680
 ttcggctaca tgactaaacg ataattctgt cacaacggaa tcaaccaaca tcaaaaaatc 67740
 tttctcgacc gctgaaattt tctgtccgga gataccaga taagttttgt ggggtgctaa 67800
 tttgacagtt tgctcccat cctgtgtaaa ttgtttcagg ccagcatcga ttaattcctt 67860
 agtattagaa aatcgtaacg ttgtaccca tgatgtaaaa acataataaa aaagcgtttc 67920
 acttaacgca ggcagaaaaa atcctcgttc ctgaataaat tctgtacagg aagataaaga 67980
 aatcgtttct tcagtttcaa ataaagtgc agagtataga ggaattttca cacacgaata 68040
 ctccccaact tgtacttgaa tttgttcttc aacacaagga attaacagac cagcgaacaa 68100
 caactctttg aaaccgtttc cacacgcaac atggcaaata acagaatctg catctttgcc 68160
 gacagcagaa caaagagctt tgatatcgat tactttgcgt gctgtaggca cctcaaacga 68220

ctgcaagtga aatttctgtc tggtttgctc acataatcga ataagatcac catgatcttc 68280
ggccatacca actaactgct cagttccatg gaaaaaaaaa cacacgggca taaaagacgt 68340
aattttagtt agaattgtgc ctccaaagtt agtgataggt gttttaaccg tggtcgagaa 68400
atcgttttct acagtcaaatt tcattaacaa cggcgaaata actacaggag aatttctctc 68460
cattaacgat aaaacagata aaacatccaa aagttctttc tcttttgga aaacatagat 68520
ccaagcagca gtagaaacag gagcagaaac caccgtttcg ttttcatcag ccatctttgt 68580
ggattcgatc acaaaaacaa agataatggg tttttgtggt gaaatcctta tatattatgt 68640
ttgacgtaac ataacacgcg tcatcaaaca taaaagtaaa ccacaagttg aaatataccg 68700
ttttctatat gagttttacg gacaaaagaa aaacgatttt cttatgcaaa tattttccac 68760
gcagatgaca tgacacgccc cttaatttaa atttatgtaa atcgtcgtcc acctcaggta 68820
caatagtata ttatatatat agtttttttaa taaacttatt gaggacggga gaacgaaggc 68880
gtggcgttta cgtcatagcc taattataca ttctcagaac aggatttaaa aaggctgcga 68940
gcggccggct gttcagaggg acgctggggg acgacttgag acgtttgact gaaaatgatc 69000
cttcgtgtac tattttctac aaaaaatta atttgccggc gacagtaaac ttttcagcgg 69060
aatttcaaaa attaattcca catgtaattt aagcatttta aaacgtataa ctcacaaggt 69120
gaaaacatat ttacgaatac agtagttttc gtgatatttt ttaaaaatta ataaatttta 69180
aatcgtgtaa gtaataaagc atactattag attcttcacg ttaacagagc aagctcttcg 69240
aggttttcag tagaatttca atatttaatt ccacatgtaa ttaagcatt ttaaaatgta 69300
gaattcacia agtgacaaaa cattcaciaa tacagtagtt ttcacggtat ttttgaaatt 69360
aataaatttt aaatcgggta aatggtaaag catgctgtta aattcacgtt aaaagagcaa 69420
gttcttcgag gtttgctatg tgtttatcag tgaatgtatt tagtatttca attttagatc 69480
atgggttcggt aaagatataa gtccgtgtaa aatttttttg tttagttttc atatctacta 69540
gactgtgagg tgtttgaagt cgatggttta gctcatgtca aaacgcaatg tcaaattgta 69600
ataagtcggt catttcgtgt ttagaaataa ggaattggta tttagaatag ctttgtcgca 69660
tttttagccg cgacgagaag gttatgacga cgttttcgat tgcattgttt gaaccttttt 69720

cggagtttga atttaccgtt taaagaaaaa cagtttcacg aatagaatct aaaacaggct 69780
 tccaaatttt agttaatat tatttcgatt ttcacttggg gtacagaaag ctttggcatc 69840
 gagatttttt tgatttttaa aagaaatagt tcagagtgtg acagcaaaaa cctttgtaca 69900
 aaacatactt gtaagaattt gtttacagta agatagttat tctgagtcag aagaatatgt 69960
 gtttaagtta gtttcacagg tgtcagcttc atagtctaaa tctaagtcca tttcaacact 70020
 tgattcactt tcatgtttag agttgacgtt ttcattaatg ttaataatca caatttcgtc 70080
 ttgttttgct tgattgaagt ttagttctct aggatctggg attttgttgt cggtttccat 70140
 tgattcttct atgagaattt cggtagttgt ttttgctgtt gttaggtttg aggtgtctgg 70200
 tttttcgacg caaactttgg atttaacctt aggcgtacct tggtttttat gtgaacgatg 70260
 agaggtctga ggtaggctgc gacttggtga atagctgcat gaaggttcca tgtcgacctt 70320
 tggacaagta aaagaaagat ttcggtattc gtgaggaaga tttggaaaca gcttaaactt 70380
 tggtgctctt ttggcgaaat aagtgcagaa aaatagactt ggtttccaag gagccatgat 70440
 tcgttcgatt ctattttgac agctgacatc atcgcattta tggttgctga attgctttcc 70500
 gatgagcctg cttatcagac cgcattcgta tcgctcggct acacgttctg tgtcgaaatc 70560
 gcggatgaat tgcggtttct ttgttcgtat gatatgttct ttaatttgtc gtagtattcg 70620
 agcgaacgtc acaacgatgg acatggcttg ttgaattggg tgtctaaatg agtctggagt 70680
 ttgttggtgt acttcaaatt cggagtttgg catctctcga tctagtacag gtttaccgca 70740
 gagttgctg agttttcggg attcgatgtc gccgtgtccg ttgtcgttga aaacacagg 70800
 taatttcgcc atgttgagtt tgttgaaaaa ttcgaatttc atgacggtga tggatacat 70860
 gaataagtct tgtgggttga ccggtaggtt gtgcagatcg tgaaatttaa aataactgca 70920
 ggcttcttct actgtagcaa ctgtaaaagc aagacaaggg gagttggtca gggagaatat 70980
 ccggtcgcgc attagttgct gattttcttc tcgcgtgagc gagtcgagac attgtcgata 71040
 gcgaagcagc aggtcgggtt ccagtatgtc attagttagg agacagattc gttcatgcgt 71100
 ctgtggaaat ctgtctcgga tgcgttgttt tggatcacgg gcgtctccgt tgtaaggctt 71160
 caggccaaga gattttatcg aaaagtttgt gtcggcaaag gggactgttg gaaggttagg 71220

cagaaagggtg attgcattgt tttgagcgcg tttttcttgt tgtttctctt cgatgatggg 71280
cttcagctgt tctaactctg tcagacttag tgcgtctagt ctagattcat ccagttgttt 71340
cagagggtgcg agttttcctc gaaaattttt ggcgaaatgg ctgatgaact tgctgggttg 71400
tctatgcgtg atggaacgtt ttatcgttct gaaggcggtt tgtttatgac gatcatgttg 71460
tgagcgtttt actccacgag gatacatgtt tgcttataat aaatgaaatg acataaattg 71520
gcctctttat atgttttttg agatgcttct cgttggcgct tttttgcggt taagttgtgt 71580
gaaagaacga aggacgggtg tgctaattgct ttaatctccg gaaatgctgt gatatggcgc 71640
gatttagtta gcatgtgcgt tggagtcaaa tggtaaatac taaaagaagg tctgggttta 71700
taggtagtaa gttagttttt taattgctct aaggcgatgg aacaatgtac ttgtttgctg 71760
ttggactggc atttagtagc aaagcatgtg ctccacaaga tgagaattaa ccgatttccg 71820
tcggctttga gttgtatgta aactaggacg ttatctcgat ttöctctatg ttgtctgttc 71880
aggcagctaa aatccgaaac tcttccaaat tgtgtttttt tgatctgaag gttctttgaa 71940
tctattttga gaaaagttac ttgtgaaaac tgttgcgcta tcttagtctc gtaatgagta 72000
attaattgcg ttttaatgat tggccatccg attaacttaa taaacgataa aaggggagtca 72060
tccgctgatg ttgcattgtt gttaaaacca tgcgtgttca ggtacttggg gattagagtg 72120
tctgtagcta tgtaactttt gttccacagt tgtctggatt ttaaatccat gaaacttagg 72180
ttttcttttag ggcagccttt atccgttatg ctatagatta attcttcgat gggagccttc 72240
ttagtaccgt gatgtagaag gttgttttaa tccatttgca tctgaataaa cgtcttgcaa 72300
gaatttcggt aaccttctgg gacgataaat atgggagtta gccgtccatg tagcattttc 72360
cctttgtcca tgtctgtctt gtacatatag cctattctga tgcagtgacc tgtgtggtaa 72420
atgccgatgt cgaaacattc tccgggaat gttagggat tgaggatctg actaagctct 72480
tgatctaaac acataacgtg atttaaaatc ttggataatt gttttaatgg ttctcccccg 72540
gcgatcgctg tgccattagg taatgggatt gatattctaa gaccgatctt tttccgacaa 72600
atacagaatt gtttgatttc ggttggatct tcagtatagt ctagtgcgtc gttagtcgtg 72660
tcgcactggg ttttgaagaa gaagatggga tgtgtgtgtg tgtcgatgct tggaaaaatt 72720

tttttccagg cggtgatgag ggtaagtctt atgaggcgac acatcgagaa aaatgtttcc 72780
 tccgtaatgg ttgctgtatc ttgcagcggg agatccaagt ctcttatgta atttgtgact 72840
 ggtatgcggt cggtgaatat ttcgtgtcgt gtagtataga attgtttttc gaagtcgtcg 72900
 cagagaaaat gtgtgtcttg tagccagatg gcgcgagtta gagcttcac agagatatat 72960
 tcgtcgggga gatactgtaa gatgcgggta aatcccatgt tttcgtacca atcttcagag 73020
 ttcccgaagc aaaaaatatt tttatgtaaa agctgcactc tgaatacagg aaagggacgg 73080
 tgataatctt tgtgtagggt ttgtcttctg tagatgcgct tatcttgtat ctgaacgtat 73140
 ttatcggaag cggagatttc taataatcct tgtaatcctg gttttactgg agaaaaaaga 73200
 ccttctccgt ttttattaca tttcgctatg gcacgcggtta tttgttcgga agttaatgct 73260
 tggatggtct tctttttaga ggccagagca tactcgtatt ctgtaacgtt tagatctgga 73320
 tttttcagtc tttttatata gatgtatgtt ttaaagtaac aatccgcatt gaagtattgc 73380
 ttcattgatac acagtaaatt ttcgtgcagg gaatttccaa gaatgtggac atttctctgg 73440
 cattgttgct ctattggtaa attagagtcg taagaagtga tattgcagta attgacgaat 73500
 tttgtcgtct ctagggccgt gttgtaagcg atatatatgt aatggacacg gaatgtgttg 73560
 gttagatgtg aactctttct aaatagattg atttgagtgt ctagatatat aaattcttcc 73620
 ttatcgcgga gatttttttg tctggcgtag gttgcgaagt ctgcaaatag ttttctaaat 73680
 tttgatttca aagtaatgtt tataaattcg gacatggaag aatacgtgaa caccatgctt 73740
 cctgtgtttt ccgtaaagca ttgaacataa tttttggtag ttgtgatggt gctcttttgt 73800
 tcctcgaaca aatagtaata catcgtaat aaaagcagac cttctgtttg cccgtaggct 73860
 gatagaaacc aaaaggggga agtgggcaat aggaatttac cggtgagata tttgataatg 73920
 agcgatttgt ggaaataggc catgtattta aattcgacgt cctctttttc tttccagtt 73980
 tgagataata tcatgtcgac atataacaat tcggtttctt tgtcgttgag gctgttggca 74040
 acatcttcag cctttatcgg acttgcagtt tgtatgtagt ggctgagatt taatttctcg 74100
 gcgtggcaga cgaataccgt gtcgattcgc tttgaatttt tgcatttttg agtttgaagg 74160
 cagaagctga cgttatttga tggtttatat ttaacaataa tcggaaagat taaatgttca 74220

ctgggacttc tacataggat actaaaaatg acgtttgcgg catcgtattc agtcgcaaac 74280
actacgatgg tcattgtgta gagctctgtt gattacagat gaatttggct ttaaatgccc 74340
ttaggggtatt ggggtgttat gggaaattgt tttcgacgat tatctctgtt tggacagccg 74400
actcaggcaa attatgagat gttgtgctct tccgacgatt tagaaagtga agagctgacg 74460
tattttctgg atatgacgta taaagatttt ggagttttatc agaatgatat tataagtcac 74520
caaaaagaca cggaaactat gaaaactctg ttaggtttat taccaatgta caaaaaaact 74580
aagctcaggc ataccattat ggagcgatgt ttatccaatt gtcctaacca cgtaaagat 74640
gcactctgtg tagagcttat gaaagctgaa aaaatattac aaacgatgga tgtcgttttt 74700
atgaaaactt taattggcga gttttctatg tgcaccgata atcttaatca gttgcttaac 74760
aaattcgcta cagatcagtc aacacttagc gatgtcgaga aaataaacag tctcatagag 74820
attgatggcg aaaacagcaa gcgtctttta gtagagttgg atccgattct ccatgaggag 74880
acaggattat atcaagcgt gccaaatgtt gtgacggaag ctccgagtga aaaggttaaa 74940
tcgatacacg tcgagtctga aggtgagagt gtatgggtcaa gcgttactga aggcggcata 75000
atgaaacaag aaaaaggaac tggcgtctag tacctgtagc cggtttattg cgcgttcagg 75060
cattaaactg aggcagaaat gtccgcaagt aaaaattatt ctggcgatgc agatgcctgt 75120
agggatgtag atagttttgc gtgtagagtt gaagatcttt atggagggaa ttgtgtcttt 75180
gttccagatg taggtttcaa tcaataagcc gagtttgata atttctttgg agggaatcat 75240
gagagccttt agttcatcgg cgcaaacgta catggcgtcg aagcattgta tcgtatagct 75300
gttcggttta attataaatt ctctgcatgt ctttagatgg aaaactgcag attcgggggg 75360
agacagattg atcatctccc atggttccgg gatgtagcaa gggagaaagt tgattgagaa 75420
ttcgacatct cctgggagaa gcattaggga gtgctcggat aagttcatta gaaaaactga 75480
aatgtcgggt tcgtcgggtta taatttcagt gatgcattcg cagaatacgt cgttgctatg 75540
gccaataatg actccgaaga aaccatccgg gatgcacagg gaaatatcta gttttacgat 75600
tcgaacttga tcgtgcggca cccatatgag ttctctatct acgagtgtga ttttgttggc 75660
gtccataaaa acgtccattt tactattcct gtgatggctt actaagatag atggttcttc 75720

cgaaatacaa gtgtccgtat ttgcatttct ttttgccgcg tgtcttgggt agaaagttac 75780
 tgggttgcca tgtttcctta catagttaac acaatcgggt tctctttgct tttctctttt 75840
 gcaggctcttc gacactgttc cattttgctg aatacctaga agcgagattg ggcgttgata 75900
 agaggttagt tcgttttcta gaaatttttt aaatgatttc tcatttatag ctggccacac 75960
 atcgtgcgtt ttgtcttcag atatgtctgt agtccaaagt tcattgatgt ccacgtttcg 76020
 aaagacgaaa aattcaatgt atcttgagct cgtttgtctc tgtagggtaa tcgtttcaga 76080
 gatcttttct gaaattacgc tgtacatttt tccagggtgac agagggctgt ctgctgttaa 76140
 tcacgtcgac gcgaagacta gttcaaaata acacttaaga tgagttgtaa gaaaggcgca 76200
 aggcaacgct tatatgtcag tctctggctc ttttacattc ttgtttttgc ggccgctacg 76260
 gaaatggact tttattcttc agagtgccat tcgcacacct atgagatcgt cttgaattca 76320
 tttcttctga tctggctttt gataaatctt tttttactct tgtgttcttt tgcgattttc 76380
 ttgaagtact ggtgttataa gacttttgct tcagagacgg tgaagggtta ttagatcgca 76440
 tgagacgcct attctaatta taaatgtagc acacgacaaa taaaagcatt ttttgatgta 76500
 attggatcgt gttttattat ctccaataga tttcataacg acaaaagaca aacctgattt 76560
 cagaattgag tttttattga agactgagga tgagtagctt tgacaaacgt atgcggttat 76620
 gtgctatctg tgttgtttaa atcgtgtcgt tcgttgtagt tgtaatgcgt tgcattttgg 76680
 gttgagtatg ctttggtagt gaggttatct ggatggttgt gtgagttttt atcggtgacg 76740
 cggtagtcgt ttccaggcag agttttgtta gcttcccgac tttctgtgga actttttttt 76800
 ttaacgtccg tagatcgttc cgtgattgtt tgggggtaga tgtagtcgt ttgtgacgag 76860
 acgtgagctt ttgttagttt ggctgattga gttctgttgc tagtcgttag ctgtgttggtg 76920
 atatgatttg tcgaccttag acttgatttc gttaatggtt cttttggcgt tgtagtaag 76980
 tttgaccagg ttagaatggc agactttgaa gatgtcgtta aggacgtttc agcggtgaa 77040
 ggccattgag gtgtagtcga tttttcccat gtgtgagcgt taagaattgg tgcatttcgt 77100
 ggtatttctg tgtggttgat ctctccgtga gtggacgccg acattctatt ttgctttgggt 77160
 tcttcggtga ctttagtgat tgagtgtgat gaattactag atggtaaagc attgttagtt 77220

acctgtactt cagttttggc agttacattt gacggtagtt ttttttttgg agtgacagac 77280
aacgtctgaa cggtaggtgg ctcgcttgag gatttcaaag ttgtcctctg gaatctgtcc 77340
tctttgaagg ttttgacggc ctgcacttct gtgctatggg tttcgtttgc gtattctgtt 77400
tggtttttta cgttgagaag ttgggtagga tttgtgggtt ctttaggcgt gattcccatc 77460
gtttctccaa gagaaatttt aataaaattt tcggtcattt tttgtacttc cgtgttgtgg 77520
ctcatgtatg tgcgcgccgc gtcttgccaa gtggtaaact ttaaaatcgg agtgggtgtg 77580
tcgggtgcgg tgaattttgt cgtgctctgc tgtgatttgc tcttaagata aatagagttt 77640
tttgggtgaag aatagatatt gtcgctaatt tctcgattc ctattgttgt tgcgaagggtg 77700
gtgctttcga gcttttgagt cgtgtttgtt gccactgtag tgctctcaaa cgtttcggga 77760
attctgattg tggatatttc aaaatttgtt ggttttggtg gactttttgg gttttcggta 77820
gggttttcgg tgttttggtc ggttttaata gtggcggtac gacggattgt aagagttgga 77880
atgtcagtcg ggggtgtacat cggtcgagga aaatctgaac gtttaactac ttttttgatg 77940
ctttcgttg tttgcgttgt tatgggtggg gtgttcggtg taacttttat ggtgtctgtc 78000
tgcagttctg taaagttttt tgttacgggg gaaggttctg gggttgggtg gttggtacta 78060
gggatatgtg gtgatgtgat agacgctgac gtcgatgatg gcgtcgatga tggcgctcgt 78120
gtcagtatcg aatgaaagtt tacgatggct cgtccaaagg aagtggtaac atttataggt 78180
tttggcgaat gttcgaaata ttgatcattt gaacggatgc atgatgttgt gttatagagc 78240
aagaagtaaa caaagctggg gtaattaaag aagatttcag gagtgaacgg agtcaatgac 78300
cgtgtcagat tcgagttgga aaatttactg attgccatct gcaaggattc gtcggtcagt 78360
tttatgtcaa ataactgtgt tcccagaatt ttaaaccggt gtagctctac gcatgggtgga 78420
tctgcggtat atgtagatag tgtggcaaac agaagataaa atagagaaaa actgctagcg 78480
acgatagatt tgtttgcagc tggtgaggat agcactattt tggtttctgc ccgcggtaaa 78540
ttctgtaatg gagacaagtt aaccgcagac ttgcattgta aatctcgaat gttccaagag 78600
aaaacgttag ttaaaatttg agtgaagcag tcgagggata gatttctctg acaaaaagtt 78660
gtatacaagt ttcggaggtc gtaaaaatgt tctctttgtt cgtcgctcca attgtggcgg 78720

ttgacggttt tgaaagcttc taagggatca gatgtgtatt ttattagatt aacggagtgc 78780
 atgactatcg cgaaaagggc cagaaaaagg ccgagtcgcg agatgtgaag catgtcgggt 78840
 gagttgacca cagtgaattt ttacaaggag aatgtgtaac taaaatagta tttgcttttt 78900
 ttataggggt ggacgatgac ctccaaatgc atgctgtgct ggactgcgat tgtgaatgcc 78960
 ctggctatct taatgttctt actagtaatt tatcgggcgc taatcggatt taatgacgat 79020
 attttcacga gcacgttgtc ggcgttttagc tgtatacggc caaatctatc taatgccaaa 79080
 tataaataaa acgtttatct aacacaatct gatgagtcta tataagccga ataaagcaat 79140
 tattgcgac agaacataaa tgataaccaa tatgatagat acttgggtcta tatcgattcc 79200
 gacttcagac atctcaaaaa cagagccgtt tttggctaac aaaaggtagt gcgtcctgggt 79260
 gttgggaaca agtaaatgtg tggtgggacg ggtcagtggt tttagttcgt ctatgttttt 79320
 tatgtagatg tattgtaagg gaccgtcgat atcatcatat tccatgacta cgctctgaca 79380
 aaactcgcat gtttgagatg atatgtttcg tagcacaagc agatcttgtc ctgcataatt 79440
 ataatttggt gaaacgcagg tagaattgag aggtatggct gtgattatta tactcgtagc 79500
 cacgattgtc gttgtaattg ttaaaactcac tcctttaatc acataagagg gagaaattac 79560
 aaatgtcaca ttcggcagag gcagagaagc tgctggctca cttggagaga gacactgaat 79620
 ggccgctact ctcgccatat ctggcgtct gtatacggat agcatctcca tcatgtctga 79680
 tcgataacgg tcgaggggaag cgtacgtgag aactgttttt acaaaagaat ttgttacatc 79740
 tctgcgtacg ggagaggcac aaggcgaata aatattttct agattcgggtg ccttgtcagc 79800
 tgtaagcatg tgggcccacg aaactatttc tacgggggta cacaggtttc caattagtag 79860
 ttgcatgtgc ctctgcatgc gttcatcggc agggatgaaa ttcgctatct cggctagcat 79920
 gaatagagtt tccctatcgg aaaatgtcag attcgtaaaa aacatgtggt tttcatagat 79980
 cttttgtaga gtgttggaac tgtcagacca cttgtacctg gaaatcggtta cattgggtttc 80040
 gtacgctgtc gctaagtacg tgagcagcgt agatacggga atggatttgt ttttggtgat 80100
 gtagctatag tccgagggct cgtattttta aaattccttc atttttgggt attgtatcgt 80160
 accttccgag acgttcacac atcggttgac aaatgagtcg atggacaaga gattttcgtg 80220

tgtctttaac actcttaaca cgggcatcgg tcctgtgttt tttgtgctat atgagaaatg 80280
 tacgataccg taaagaaaca tcatctgcgg tatgccggca tagtcgggtt ttttacagtc 80340
 tccccttaat aggggtttgga ttcttaggtt attaaatttg agtagtagag cttctacttc 80400
 atctacgtca tccaacgttt cgtctacgaa tgtcgcacat gatatgaaac ggtattcttc 80460
 atcgactacg tctttttcga ctatcaatag tagatcgtct gtcaatgtct gtttgaatat 80520
 gaatgaactt ttctataaag gggctttaaa gtttatgtcg gtggtatttc catacatcat 80580
 agtcagatct cctgcgggat tttggatgta cagtatcata aagtcggag taaagaaatg 80640
 ggtatagatg ttttcgcccg catagcgtgt aatttttagcg catctaactt ggactggaaa 80700
 gatcagttcg ttgagagaat taggcagctt acaggaaacg ttgtcgtatt gcacatctgcg 80760
 gacttccaca accctgatgt aataaattcc gtgtgaaggg tacaggttta aggaatagac 80820
 aatctgcggt tggatagagt gatccaggtt aaattgcttg accgcaggta cggtagaaaag 80880
 tcttaaaata tcgttcattg gcggctcata gaaacgtgta acgcgttttt cataattggt 80940
 taacgattct gtcgtgttga tggcatcaaa cagatggtac gtgatatcgg atccgagtaa 81000
 gcatttaggg acttgatata tccgagtgtc gttttttgta taaaagttaa aagttataaa 81060
 gccggggcga acaattggat tttcagagtt tccattttta caatggctct cgttcgatat 81120
 ggtccacggt ctccaactgt aacaggaggt caacagaaca aagaccaga gtcggaagag 81180
 catagttggt cttcatcgat gaagtgtgaa agggttctgc tattctttga aagttgaaca 81240
 ctttttgatc ttccatatt aaatagatta caaaaatgat gtgttatgga actcgggaatt 81300
 gtttctaaat tctccgcgtc tttttttctc cgtcaaataa catgtctttg acaggtttgc 81360
 ctgatattcg gaaaaaaatt ggacagtttc accatttgag gatctataag cagatcttat 81420
 ctttgcaagg aaattttgcg cgactaaatt attttttagg agatgtgttt ccggctaatt 81480
 tgcgatcggc atctgtctcg gtgtttttcg aggtgcgtct agggccacgc attccggatt 81540
 gtatcgtctt gctaaagagt gtagatgcca aagatgagtt tgcttttcat tgttattttt 81600
 ttgagtttaa gacgactttg gggaagtcga caatgcagtc tgtgcatcac aactgcattc 81660
 atcaggcgca atatttgcaa ggtttgagac agttgcatca gtctatttcg ttcttgatc 81720

aatattttaat tgcagacgag gttttgtgga acgttgttcc cgtaatttgt tttttcaggc 81780
agtggggact caagttagat ttttttaaaa agttttcggg gaagaccaag cggttgtcat 81840
tttcgtttat atgtgatttg ttcgctaggt ctcaggatgg cgcagtgcaa tctcttttat 81900
caatacccaa ttacaccaat tttagaaggg catgtcagaa acatactgat ttgtacagaa 81960
gaagatatca gaaggcttca aagtcagtcc tctaataagac ttcgggagaa aatagatcaa 82020
gggcatcgcg acaagttgct aagaatgcgc ctaaaaaccg aattagacgc actgcaaaga 82080
aagatgcaaa aagacagtga cgttttgaat tctcatttaa aagcgataga ggatgctttg 82140
ctgtttacga atgatgggga ggtaaacgtc gaaacgaaag ctgatacgca actgttaccg 82200
aaatctcctg agaggctgga aaaattttaat caagttgcca taaccctact cgaccctttt 82260
ataagattta cagacgattt tagaggagaa atgatcaata cttttttcaa taatgctcag 82320
atgtggaatt ttacgttcgg gtcttggttt tataagctca agagggtttt ttacaatgag 82380
cctggcttaa gaagggtttt aaaaattact aatgtggatt ctttgactat ttcgaaagag 82440
ttattaacag ttaccgtcaa tgcgttgag caagcgacgg tgtatcctat attcggaagt 82500
gagatgtcag acctggaagc agccttgtgt atcctggcag ctttttattc cacttatgag 82560
aattcacaga tcgacgaacg tacaacccta gtagatatta taacccttct gcccgtagata 82620
tttagattac tcggtagtga aattacagca ttgaaaaatg tctctccttc tggcacctat 82680
tttgatttta atgaccttc ttgtatgaaa ttttttggtc ccatgagaaa aggcaagcat 82740
tatgcagaaa acacatttg gaatcatgtg cttgtaaaga tgttgctagg tagaggagtg 82800
atgcaaaaaa ttcccgttga gaaagacagc caaaattttg atgttgaagc tcgcttacac 82860
ggagccatta agaatgatgt tctggtgtat tggacgtatc agctaagag accaaaattg 82920
ggaaataatg ttccaatctt tatacacgat caacattatt tacggtctgg cttggttgca 82980
attgaaagtc tctttttatt gtggcggatc ttgaactcag aaagtttgtt taacaagaga 83040
gttggaagt ttctcctgac ttcgattttt ccacagctgg agaagtttga tttcgccgaa 83100
aataactttg aagctgggaa tattcaaaat tttgaatact taatgcacca ttacgttgtg 83160
cctatgtaca acctgcagaa tgacatatca atttcgactc tttttcccgg tctcgtggcc 83220

gtgtgtgtaa atgagagtgt gagattggga tgggaacata agtgtgcagg ggctccgtcc 83280
 gatgccgttc aggttcaatc taaagaaaat ccgttcgttg agtatatccg cgcacaaatg 83340
 gaacaacagg cggatgtggc tataacttgaa aagcatgact gcattctctt tcattttgaa 83400
 aacggtttaa acattactct atcttttaca ttaccgagac agagattggt tgcaatggcc 83460
 tcttcattat ttaatgtaaa tgatacttat gatttcatct attttctagt tttagggtttt 83520
 ctgccaatac cggccattat ataaggcggg atgttggtgt gttgattacg tcaatacggg 83580
 tgggggtttg aatataaaga cttacagagc ttttaatgaa tcattgcttc gtttcttcgg 83640
 gatggagaaa gaaacaaagt ctttggcttg gccagccacc gcggagtttt atggctgggt 83700
 attcattttt tcgtccatcc agttgtgtac ggtgggtttt ctgacgggta gatttaatgg 83760
 tttcaaagtc ggtcgagaat acgctgtgtt tacatttgcc gggatgagct tcaattggtt 83820
 tttacttccg ataaagatgg gattgctgag tggacattgg actttgccgc gagatttttg 83880
 cgcaattctt ctctacatcg atgatttttc tgccattttc tcttcgtggg cgttgggtgtt 83940
 tatggcgatt gagcgcatca actacttctg ttacagcaca cgttggttga acgagaattc 84000
 caaggctctg gcaaagggtgt gtttcccgat agtttgggtc gtatcgggag tgcaagctct 84060
 tcagatgctg aataattaca aagccacagc tttgcagaac gagactggac agtgttttct 84120
 cgcgttttta aggagcggac acgacatgtg gttaatgttg gtttattcgg ttgtgattcc 84180
 agtcatgctg gtgttttttt acctatacag caaaaatttc atgcttttga aagatgaact 84240
 ttcgtccgtg actacgtatc tctgtattta tttgctgctg ggtacaatag cgcattctgcc 84300
 gaaagctgcc ttaagtgaat ttgagagtga caaaaattttt tatgggtctgc gcgatatatt 84360
 tatggcgctt cctgttctaa aagtttatta tatatccgct atggcctatt gcattggcatg 84420
 tgatgatcac accgtgcccg ttcgtttgtg cagtatctgg ctggtcaatt tatgtaagaa 84480
 atgtttttcg tgtacgcggc gcgaaaagg gtcggattta gaggttgga taaaaatgtt 84540
 aaaatgagta aggagtttat cgtttttatt cataagagaa taaatcttcg gcgctgattc 84600
 ctgtaaggtc aaatatggca gaactgtcga gaaactgtgg gttttcagac atgccgcaga 84660
 agactttaaa gtcgtttttg agaaatgaaa acagtccggc tttgtgctcg gctctttgct 84720

gattgtacgc cagcgtggat atctcaaatt ttccaaacat tataaggtag gcgaaccata 84780
ggtgttttgc agataagccg tactgctggg tctcgttctt gatccccca aaatcgggta 84840
aagaatctgc agatttttaa aagtcgggta ttatagatag ctccaacgga gaaaactata 84900
ttgccttcgc agattatttc ttccggaatt ttgagactta gaccaaactc gtccatgaag 84960
agaaaattaa ttatgtgact gacatttcgc ctgtagtgca gcttttttga aatatatgct 85020
gagtgacttt cgtaaacaat atgtcggagt agttccgcgt cagaatgctg tttcagaata 85080
gaaaatagtc gaaaccagta gttgttgctg attttgcat tcaaaatcac tatgtctccg 85140
attccagaat tgtataaact ctgcgtagt agtaagatct tgattccgtg tgacagcatt 85200
gatgtacaga catgttgaat taaaagtagt tcttcttggt taaagctagt cagattctcg 85260
tttctaagca gttttgtggg tatgtgtaat attaaattag ggacggcgtc gttcagtttt 85320
atgtactgtc ctatctgggt catctcaaga tgtctaaagt ttgggtaggt ggattcctct 85380
gtgtctatgg tgaagaaccg tcggaagaat gtttagctct gccagagac acggttcaaa 85440
aagaattgcg gtccggaaat attcctttgc cgttgaatat taatcacaac gaaaaggcca 85500
ctattggaat ggtacgtggg cttttcgatt tagagcatgg gcttttctgc gttgcgaga 85560
tacagtctca aacgttcatg gacatcataa gaaatattgc tagtaagtca aagttgatcg 85620
cagcagggtc ggtaattgaa cctttaccac cggaccgga aattgagtgt ttaagttcaa 85680
gttttctctg tctatcgctt tctagcaaag ttttacagga tgaaaattta gacggtaaac 85740
cgttttttca tcatgtgtct gtatgtggag tcggtcggag accgggaact atagcgattt 85800
tcggacgaga aataagctgg attctagata ggttttcatg catcagcgag agtgaaaaga 85860
gacaagtttt ggaggggggc aatgtttatt ctgagggttt cgatgaaaat ttattttcgg 85920
cggatttata tgacttgctc gcggatagtt tggatacatc ctatattaga aaacggtttc 85980
caaagttgca gttggataaa cagctatgtg gtttgtctaa atgtacgtat attaaagcta 86040
gtgaaccacc ggtggagatt attgtagcaa cgggcaaagt tgccggtgat caagttcagt 86100
taactacgga acctgggtct gaattagcgg ttgaaacgtg tgacgtgtcg gttgtgcacg 86160
ggaattacga cgccgttgaa tctgcgacag ctacaacggc tatgagtaat caaaatctgc 86220

caaatactac ccctttgctg tcaagtccac cgtttttcgga ttgtgttttt ttaccgaaag 86280
 atgctttttt ttctctttta aatgttacaa ctggacagca gccgaaagta gttccacctg 86340
 tttctgttca tccgcccgtg actgaacagt atcaaagtct accgtattcg gagtcggctg 86400
 ctaagattgc agaacaggag tcgaatcgat atcacagtcc ttgtcaggca atgtatccct 86460
 attggcaata ttcccccggt ccccgatgc cggccgtgtt acacgggttat cgtcaaccga 86520
 aaacgtttta aaagcggcat ttccagagtg attcggaaga tgaattaagt ttcccgggag 86580
 atccggaata tacaaaaaaaa aggaggcgcc ataaagtga caacgacgac gataaggaga 86640
 tggctcgaga aaagaacgat ttaagagaat tgggtggatat gataggaatg ttaagacaag 86700
 agattaatgc tttgaagcac gttcgcgctc aatcgccgca gagacatgtc gttccgatgg 86760
 agactctacc tacgatcgag gagaaaggcg ccgcgtcccc aaagccgtct attttaaacy 86820
 cttctttgac gcctgaaacg gtaaacagga gccttgctgg tcagaacgaa tccatggatc 86880
 tgctaaaact caacaagaaa ttgtttgttg acgcgttaaa taaaatggat agctaaaatg 86940
 tgttttttta tgttgtgatc aagtgggtgt taggtgcgtg ttatggggaa gatctatgag 87000
 aattatgact gacaaggtat atggcgaatg cccacatttc cttcaaagtg aattcctgga 87060
 catggtgaaa cttaacacat aattgtttac cgacgcgtta aataaaacgg atgggttaaaa 87120
 gttgttggtt tggtttttta ttttcgtata aaatggtatt taggagctag ttacggggaa 87180
 gatctatggg agtaattatt gtgacaaggt atgaaacgaa tgccgacgtc tccttctaata 87240
 atcgtaggc tttgtggggg ttcaggcggc atgaattcca tgcgagtaga ttctccgggt 87300
 tttagaaaaa agtgcaaggg taccaaagt tctttgtcga acgcgatgcg gagtgatttc 87360
 aaaaaaatgc ccatgctgat ctctgggtgt acgtgcgcga ccgtgggttag acttggtgct 87420
 cgcgatactg gctggcttgc gagagctaca atgtctttta cgggaccatt tggagattct 87480
 atgtttacat aaatgttgct catttctgtc cagctgaatt cgatattatt ccccggtggt 87540
 aaaatttgct tggggaagaa gaatactttg cctagttctt gcgagtaatt gatgcgacag 87600
 ttctttttct gtgctttcat ggtgatgtag agaggccgcg tctcgtccca aatgcagggtg 87660
 gttatagaga ttccgtgcaa gagtttgggg ataaagaaac ccgtaaagtt tgaatttgat 87720

tcgaagatag tgtggaaaga gcaatggaaa ggcgtaatca ggttagagac gatattttta 87780
 gttgcgccga cagttattga accgacgttg catttttagaa gtgtttcttg attctgcgac 87840
 attgtgatgt ctgcggtgtg gggggtcagt gaaagttgta tgttaagttt ttcgggaaaa 87900
 aaagtatcat caaggagata gtcgttttcg tacactgtct tcaaaattaa tagattttcca 87960
 caaagtaaga ttctagagat ggagacgtgt cgggtgtgata taaattcaat tttagcagag 88020
 ttaaaaattt ggtcgagcgg agtggttttg agattgatcc atatatctgc gttaaataaa 88080
 tatcgtgttg gctcttctgg tgttttttct gtccatcgta tatcagccgc gtaaatttta 88140
 atgcgcgtga gagggccata tagaataaac tgcgcctcgc actgtccgtg gggatatggcg 88200
 tggcgatcgt aggcttcgat gcgttcgacc ggtaaatttg ataaagtcac gttcgcgtaa 88260
 gggagtgcga atatgttaag aacgatgggt aatctgccga gatccagatc tagatctgag 88320
 atgttatgca ccgcaaaggg tatgttgccg taatcttttg gatcgatgta agtaaaaggc 88380
 gatgctgcaa aactgctttc gtctctacaa gtgcacacca cgctggatga aggggggcag 88440
 atacctaate cgcatttaaa atatctcagt tcgccgggtt ttaatatggc ggcagttgtt 88500
 aatcttagct gtagtacgta cgaagaccat tgtagagtgg cgggttgcat gtttgctttt 88560
 ctggatgtat gaggggaate ctgttagtgt attttggatg ttaaatagtt gatgtaaacg 88620
 tagagagtca tatgcgcatt ttataatag agtggttttc cacggacggg aggatctgcg 88680
 ggtttccacg cgcaggcttg tcttcgtatt ctaaaggatg tagtgtgagt tccggtagca 88740
 agtatgcagg aaaacaattg cccatgaagt gtacttcgaa tggcttgctg gtattctccg 88800
 tgtgtgttaa aagagatttc atgtcgtgt ttgagagga acgaaacggc tttctaaaca 88860
 acttcttcgt cacaaaaaag atacgacctt acatgtcgtg ttcggttacg gaaactgttt 88920
 tttcgcacga aatccgcaat tttaacggtt cttgggcaaa ccataaaaaat gggtagcgt 88980
 tgaagacatg cgtctgaaca gggatgaaga tgcctacgat tttttgtta gtgaacttgc 89040
 cgcgtagcgt gatctctttg tttgtattaa ttactaagga catatcgctg ggaaagaaaa 89100
 cctctagact ctttccgtct gcgcagattt tgaaatacgg catattcata ttcagcgtga 89160
 cgggtactccg attcggaggg gaaaagggtca agcgaagata acattctttc gtgattggaa 89220

accgtcgctc gttttccggc aacactacgt tacgtaaaaa gattgtgaga aaaggatcgt 89280
 taaattctat tttgtagata gaaatgccgg gttcggaaat catgttgact ctgcagagtg 89340
 gaatcatact ttcgaatagg tttttccaat aggaacattt tctggtatcg atgctgaacg 89400
 cgctaaaaac tattagcagc tttctgccat agcgggtctaa tttttgagac tgataaggac 89460
 tttctgtcca gcttaggtta agtaagatca aagacgtttc aacgctatca ttcgaaacga 89520
 ctttaaattg atttatcacg ttggttgctg agatcggcat gttggtcagg ccatattggt 89580
 cgtatacgat tggatcgatg ttttcttttt ggcatagcgc attgatgtcg tcaatctcca 89640
 gtgcaggtga cggcagataa atgggtatgg agaataaatg aatccgtacg ggaactgtcc 89700
 tagaaatagg taaaattttt attttgatag tcattgtatt ttcgagaaac tgtacatcga 89760
 acaggacgtc ctgagtttct gattcagtgc catctgttat gaataggatt cctggttttg 89820
 tgcttgagat tcgacatttc aacgtgattt cttggtaaga attcggaaca atgtgattgc 89880
 aatcaaaaac aagctgtaag acatgattta gttgaggaga atacatgttg gtacaaaaaa 89940
 acattttatg tttcaccttg ctttttaaat actgtgtttt ttttaaggat gaggtaattt 90000
 tacatgacgg atggaggacg cgggtgttca ggcgggggtg gtttttataa tcctgcgtat 90060
 aagtgataga aaagtcatag taggccagtg tgttttttaa aagcatttaa tttttataaa 90120
 tacatgtagc cattctatta tctgcggaaa cgtcacagac aacaaaatac gttttctcgt 90180
 tgggtcaaaga attaatttg tcatcatag ttaagactga tttgattttt ttttaattcgt 90240
 ctttgatgtc cgtagcgtga agttgtccgc agcgtgtgt gcttaacgtt gttcttttag 90300
 ataatagttc ttggcatttg atcaaaagca ttgaatggtc ttccagcgtt agccgatcta 90360
 tgtaagttct cacgatgtct ggggccatgg ccgtgatcat ggacagcgag atgcaggctg 90420
 ttttcatgga gtacattgat tgtttgctcg tgactatgtc tggtaattta atgagtacgt 90480
 ctctgtattg gatagagcat aactcatcga tgattgtttg catctcattg tattctctgt 90540
 gaactgctat aagaccaatg catagcaatc tgatgttgat ctgggccgca atggcggctg 90600
 gaacgactaa aggtacagtg agctcccaat caccagttt caatagcttt tcttccgagt 90660
 gcgtcgataa aggtggaatc aatgtcaagg tgtcaccctt ttcccagggg aagggtcctg 90720

tgttctttat ggcatactgc tggccggtca tcggctttct caaaattagt tgattacctt 90780
 ccaccttctg cagaatggtt acgaccatgg tccgtaatac gttccggatg tggacgtaat 90840
 ctttgttgga ggagacgatg ggataaagac ctaaattgcc gctacctatt agatggtggt 90900
 gagctgggat cggtatgacg atgttcatga gcttgcagag ggtgctgata tcggaaagtg 90960
 acagtttgtg atcgaaagtg cagtagacgg tttccatttt atatggatga ttcgataata 91020
 agttggagag gtatggtttc tcctatggcg tagttacaat aatgggtttc gctgatctgc 91080
 gtattgcctg ttttagaccg actctctaata agagcttggt tggatgaaca gtgaagaggc 91140
 agagcgtttt gtaagaactg gcatggtctg cttacgaagc tatccgtgcc ctcagagcac 91200
 gagtattgta tttcgctatc gctgtttaaa catgaatttg atttcatgca gtattcgttt 91260
 atcactttgt acatcatctt gttcgttttt aagatgtcag attcggtaaa aaattgagcg 91320
 ttaggactgt atgtcttggg attgtaacat agttgttctc tgtgtgccgt gttgtacagg 91380
 atatcgcta aggagcctgg tagagatgcc caaggatttg tggttgcggc aaatgtatcg 91440
 ctgtctgttt ggggtgtgac gtacaatgct tttctagccg cctcttcgtt gtgtgggtcc 91500
 gttcccatca tacacgattc cctgcctctg gggttatggg gcaatttgaa aaagttaata 91560
 tttgtcgtga ccggagtcag tacgacttcg cagatagctt gttgaccatg cagcagtatg 91620
 gaggggtgggt ttttgttaat tccgccgaat gttatgatgt ttagtgcctc gccctcggag 91680
 ggattaggtt tttctatccc gacgtgatgc cgaatccacg tatttatgtc cgtgttggtg 91740
 aacgcgtgta tcgggaaggc ggagaaaagg ttttgtatct tgcttcccat gtctgattta 91800
 attcgcttaa gattggcagt ggcggtggta gaactaaaac ctaagcccat atctacaaaa 91860
 cttagatgct gggatgaagtt gtaagtgggt acgatatctt tagcttccgc ggtgaccgtg 91920
 ggatcgtcta aaattataga tgtggctgcc ctggagctgt acaacaggca ctcgacgtcg 91980
 aaattatccg tccggactag tgtggccgca aagcccgat ggattttgct tttgctttgg 92040
 atcgctatgg caacgggaga cagttttgag tgcattggcg caagcgtcat aatgctcaac 92100
 aggaattgg ggcagaaggc tgagtacacg gaaaacggtg ttcgttgcca attataaaat 92160
 tctaattgcta atgggggacg gagaggaaaa ccgccgtcgt ttctttgata gtgaggaaat 92220

gtatttagga aaacttgat atcagcattc atggtgccgc agattcccgg gtcagagaag 92280
 aatcgatgaa atgggattgg ctgatagtac cgtcttaggg tggatgacgg tgagatcagg 92340
 caaagcccat tgtatagaat gtgttgtagt gattgaaaat gaacggaatt gccgtgtcgc 92400
 tgcgcagggt ctaaggagac ctccacttcc agtattttcg tattttcatt aatgtagatt 92460
 agcgatttaa acagctgttt cgcgatagat gatgtattgg ctatggtgta gccaggaccc 92520
 atagcttctc gtatcagaga cattaggacg tcgctgctga tcggattctc ctggaaacaa 92580
 tcatctggac agataaacgg ttccgtgtag aataagtcta gaactagttc ctttacgttg 92640
 acgccagcgc cacaggcctt gttatttgat agtgccggga gtacgcagaa gtaaaagatc 92700
 ttgctcagga tgggtgtttc gttcgatggc ctgtcattgt cggatgaagac gacgcttgaa 92760
 tctattagat tcattctttg cacatcggag atttcgtaat ttctaactct tacggtgttc 92820
 tgtgtcagtg gtgtatcatc cgctgttatt tttgcattcg tgtcgtttct gggcatggta 92880
 tgaacgaacg ggcagaacag acgtccgtcg aacaatgcgt tggcgaaatt caccagaggc 92940
 tcgccgcaaa gttgctcgtt gatgttgag atagagattg tcctcttcac taggcgaatt 93000
 agcgacacaa gatttctgta gtgagcgaag gctgctcctg ggatcagttc gtcacccatg 93060
 tggtagaga ttagcatgat catctcgaag ctgttgcaaa aaagaagtat atgtttcatg 93120
 ttaaaccaat aagaaataca ctggctaatt acttgtttta agatcatgaa agcatgcttg 93180
 tttccatgaa ctaagatctc gataacgtaa gccaatctg ggtacgagcc actcgtcaag 93240
 ctttcggtga caattttgag ggtgaagtcg tagttgtggg agtttgtctt tgcattgttc 93300
 agcatttgat ttgtacgggc ttcggtgaaa gagattggag ctagaggtaa aggcattgtg 93360
 cctatcatta ttcttggcgt gcagagtact tctgtggctc ggtttttctg gatatacgtg 93420
 agatcaaaga aggggtgtct ttcggtcggc agagttggat tgtccggttt gtaaaagtct 93480
 tcaacgttta gttcgttttt taagacgttg gtgttttttg gtacttcttg tcgactttcg 93540
 tataagttgt ataaggtctg taagatcctg gttgggtttt ctgggtaat tttcagttga 93600
 catagttgag aaaagcggtg gccggtaggc aatggttcgt ttttcatgag tcgttcgacg 93660
 atggtcgagt cgtggacaat gggatggcaa accgacggca gtatgtcggc aaaatcaatt 93720

cgctgcacga cttggtcttt attgtgga aaacgctgg tgggtagggt gttttccatg 93780
 gtgtcgttta atttcacacg tgtttccatt gtactgaaac cggtttctgt cggtatgtag 93840
 atacccaaag ggaaaaagaa tgtcagttgt aagctttgtt ctacgggacg gttgacgtct 93900
 gtgtttttgt aaactttgtg taggtgggtc aatgcgacta atttatctcc cagttttaac 93960
 gtgttcagtt ttaggtcggc gtacgcgcgg cttttgtcaa agatttctga tttgttgta 94020
 gtgtcttggt gttctgtccc ggcgttcacg gtgaattgag taaaatcggc catgattgca 94080
 cggtatgcaa tcgcagtcac tgcgttttct ttgccataa taaagtgacc atatgagatg 94140
 ggggcggaga cgacctgtgt ggagatgtac tgggagagta tgttggtgag tttttggata 94200
 gagccgatcg gtcctaataa aacaccgtct agggggatgt tttctttgga agtgtagttg 94260
 ttcgtatcat ttagaatgct ttccgtgacc gattccatca tgtcgttcag aattctatag 94320
 atatacgaac tattattatt cctgttcaag aaaaataatg acgttaacaa tctgtttttt 94380
 aggctctgaa acatgttgct gcgctgtact cggctcagag cttgtttatt atgtactttg 94440
 ttctcattca tggtcaggac gataaattgc gggggagatt ttctcaataa ggtttgcatg 94500
 aatgcgtgaa tcagacctcg ttcgagcgaa tcggctgaat tctttaaaga tcttaaaact 94560
 gtatgcaacg cattgatgtt taaaatctga tcgatgactg tgtttttaaa agtgttttcc 94620
 agatgctcca gacaggcagc actcaaactg aacgatatgt ttatgggggtg tttttctgag 94680
 tgtttggtta ccatgatggt ggtttctttt ggagcagtta cgtcgtttcc tgtggcgact 94740
 ctgggtaatt ggataaagaa gagaaccttc ccgaggggtca ttcgactcac atcgttgaag 94800
 cgaattacgt tcgccgcaac ggcgatcggc gtggtgaaaa agttgatcca ttctattttg 94860
 ttgcagtaga ttccgagcaa ggcttcaaaa ctgatgttgt aacggctcgg atcgtcaccg 94920
 aaataaattc gcaaattgtc aaaaagtgtg tcggccgtgt atgttttaat gtcattgaaa 94980
 atatttagag gtgcttcgat tttaggtaaa atttcgggtc cctgccaaatt ttccatgttt 95040
 cggcgttatg cagcacaccg gtaattgtga aactttaata gttaattcat gttttggttc 95100
 cacttggtgca cggtcgattc cagtttttat agattcctgt gatctgaccg ctgaagtgtc 95160
 tcgcgacgag gaaactcgtt tagcgcgac tgtgcctgta gttctggaaa agatcgagtc 95220

aatcatagag aaaatttttc aaacgtctgg gccaaatata gttcacgata aagacagggc 95280
taaaattgcc ttgtgtcgtc tgttgtagg accggttgcg gtgccatgtt tctgtgaaga 95340
gtgggacacc aacgactatt tatcgaaatc tggatgtaaa tgtctagggtc cgatcttata 95400
tattcatacc agtcgatgtc gctgtagcga tattccgggtt ttttaagtttt ccattatgaa 95460
agattactac gcttcacacg tgttcagagg ttattatct ctgaaagagt ggaatacaca 95520
tctaccgaat gtattgtgta cgtgcgagtt gtcgatgagc gatagatatg tggcgaccgt 95580
gtttcctaag cagaattcta tataatctaga atactatccg ttttttttgt gttatctgtg 95640
tcgctatctt actgtcattg agattgagca gtgtacaaat gatttaattt cgcttcttgg 95700
tcctaaagta gctcagcgag tcataattca ttttaaaactg cttttcgggtt ttcgtcacia 95760
gccgcatatg ggcactgttg attcgtgggt ctgggaaaat ttttttatgc tagaattgca 95820
taagctttgg ttaaccgtag tcaaacataa ccgggtgaca acagatttct ttaatgtagt 95880
ctatgagaaa attcaaaact ataaacaata cgccatcaag actttgagaa tgcgtctaa 95940
ggcggttcct gcaatacaga ggttttggtt ggcaaaattt aaacagcaac tcttgtatct 96000
aaatattaag gttacggtaa aaaaaataa gcgagaactg tgtttgaatg gttttgttta 96060
cggtaaaaca ttgtatgtcg ttgaatcttc tcagttaata tttcgaaatt tgcttctgtt 96120
gtattacgat tacagtttgc cgggcgaatg caaaacaaac gaagaaaacg ttttgacgac 96180
tcattacata cgggtaattt cgagattgtc gtttaagcag tctcgaagtg cggccccgcc 96240
aggcgtgaga ccagatttta ccttcgtggc acaactgcct aaacgtaaag agttgcctaa 96300
tgtccccggt ggtattgatt ttgctgaaat tacctcagtg aggcattggc cggttaattct 96360
taacgcgttt aatacgaaca aagtcataaa tttaaaagca accatttcaa aaagggctaa 96420
ttttgtgtat catcgcatte ctaagacaat gactcacagt tttgtcatgt acaagcatac 96480
atttaaagaa cctgcgttta ctgtaagcac gtttgtttca aatgatgatt tagatatgag 96540
ttcattgaat atcaatatac gtggacctta ttgcgacttt ttatatgcct taggcgttta 96600
taagatgcat gtttctatcc aagatctgtt tttgccggcg ttcgtttgca atagcaataa 96660
ttcagtggat ttacagggac tggaagatca agatgttgtg agaaatagaa agaaaaaggt 96720

gtattggatc actaactttc cgtgcatgat ttctaattgcc aacaaagtga atgtgggatg 96780
gtttaaagca ggaacaggta ttattcctcg ggtgtctggc aaagaccttc aaaatgtttt 96840
gcttcaggaa ttaaataacg ttcgagagat tccagggtta gtctttgata tggatttgca 96900
tcaattgctt gttttgctgg aacagcggaa tctacatcag attccgtttc tcgttaaaca 96960
gtttcttatt tttttacgtc ttggcctgtt aatgggttac gggcactctc ggcgtaacaa 97020
ggtgcatgat atcatgttac acttaatttc gaatggcctt tttgatttta ataagaactc 97080
cgtagcaa atcaaaaaatca aacacgggtg tgctttgggtt gggacgcggc tcgccaacaa 97140
tggtccgaaa atcattgcta ggcagaagaa aatgaagcta gatcacatgg gacgaaatgc 97200
taattcgctt gccgtgttgc gttttatcgt taaaagtggg gaacataaaa ataaaactgt 97260
tttcattaaa ctggttgaat atttagcgga aacctcaact gccataaata cgcggaatga 97320
agtcgccaga ttacttcaga ctctgacgac taatatgaaa acatgaatgt acccatggcc 97380
gacgaatggg tcgattgcgc gattaggtta gattcggaaa ccatagctgt ccatgaaatt 97440
ttcaattcgg atttaagtaa actgcttaac ttgcactcga aaacgggtcta tatgtccgat 97500
ctgtgcgcct ttatttctgg ttgtgttaac cggaatgttg gtaaacttac catatattgg 97560
cacgtgtacg gagacataat ctacgcattg acgggtattt tacatttgtgt aaaaataacg 97620
atagagtgcg gggagagaat tgccgatggg cgatatagat tatacgaagt tccgaaatta 97680
tttttaatga gaggacagtc aacaccctcg gaactgaagt ggaagcacgc cgtgggtatc 97740
gcgacgacga ataagccttt gctgacgcac gttttaacag atgtgttgga aacctctcct 97800
tttaccttgc cagatacgct tctgtcgggtg caggagtgtt ctattttcag agagagattg 97860
tcgtatatatt actatgtgct cgggttagat gttgatatcg tagcgcggac agagagggag 97920
atttttcaaa aatgtgcaga actagctcgc ctacaacaag tctttcttat tcaaggaaat 97980
attatggaaa actttgtcct cgttcaggcg tgtctatttc agctgggggc tgatggtttg 98040
tggaagaga tgtctggctc tgtacgtcct aggcggagt tgatgtctag tgcgttcatt 98100
caacacagag taatggtgaa taattgttat tgtctcgctg tcatcttcaa tgccatttat 98160
aaacacaaag tttccctgcc taccgtagaa agaagccacg aaatcgttca tcgtgtagtt 98220

caggaatatt ataagtctta tgtgaatgct cctctctctg tttttgtgtg tgcgactaag 98280
gtgcttacct tgtttacaga agaataaac ttccagtcag ctctcgtatt tgtcagtcag 98340
tttttccagg tggacgtcga ggcttcgaga gcggatgtga ttcgtctggt ttttagcgtgt 98400
ctgaaggggtg attagatctc tcggaaagag gctgaactgt ttccagagca cacataaatc 98460
gccataatta tggcgataat taagtcgtca gaacaggctt gtttttttagc gctgtatggt 98520
atgtaattgt taacggagat ctggtgaatg tttctgattt gttctagtgc gtattctacg 98580
ggatcgtagg tgatttttat tgtaaacgat atcaattcct gtgatgcctt gatgtttcct 98640
gaattaaaat tcgagatgaa aaactcaact gctagttttt tttctttacc gagtaggtaa 98700
aatggctgtg ctatctgatt ctggtctggg gtgtggaaaa aagtcacctg tatagattta 98760
ttagccgtga tgttttcctt tatgatacat gcgattttta cggcagaagc ttgattggaa 98820
ttcccttcta tgatgatttt tacttccgtg aagaaaggat gtaggtctag gattgacaat 98880
atcatatgcg cggcacattc agctattgct gtgtcggaac tcgtcattaa actttctaga 98940
aagtagtgct ccatgccgta gacgatatat tgatctagat aggtgcctat cgctgctatg 99000
ccagtgccag aagcacggcg gttgcctgta taggcaggat ctaggtatac gtacagatct 99060
ttacctaaaa aaggaattag atttttattg atggtgctgt atcggaaaaa ctccaattcg 99120
gtttggcctt gttccgtaat taaaacgtcg ttgatcacat tgcaagtggc tccgcccattg 99180
atttcatgga tgaaagctcc ttctaggaag aggttgggcg tttttttaac ttcggcggtta 99240
atgctgatga acttggggtt gtggagtcgg tagcaagaac aggctgtggc gttaccgcgt 99300
tcgttttagca tatgggcgtg atcttcgcat acgtaagaaa ctacggagag catttcaaac 99360
ggagagtgtg tcagcttcat taaaaaagaa gttgaatggt ttccggaatt ggtcgaagat 99420
ataaatagga tcttggtaga tgcttggggc aggaaacctt aaatcgtgct gaacgcgtct 99480
ttctttataa agtggctctc gtcgacaata agtagattga agctttgtcc gcgtatactc 99540
tgagagggga atgaattcgg cgttaaacga gataaaagac gattttgaga actgtgaaac 99600
gaaaaacgac ctttttaaaa taattgataa aataagcaaa aattgcaatt ttatagtgga 99660
acaggtcgag tccttgctc ggaggggtgga ttcagcggct atcctatttg ataatctcgc 99720

ggtggagata tttaacgatg taatatatcg aaaaaatgga gatggcggttc ccgcgaaaat 99780
 acgacagggt aacgggcaga atattgacac ataagaataa ccagatgtgc acaaccgaat 99840
 gttctcagat gtataattta cataatccta tcacgtttga gttgggactt ggaaacgtgt 99900
 ttgtctgtat gcggtgtttg acggttcacc actgtgatat gcaaactgac tgtaccattg 99960
 tcaacacgca tgaggggtat gtctgtgcga aaacgggttt attttatagc ggttggatgc 100020
 ctacatatgc cgactgtttc ttagaaccaa tctgtgagcc gaatatcgaa acggttaatg 100080
 tcgtggtggt attgttatct tatgtatata gttttctgat ggaaaacaag gaacgatatg 100140
 ctgccattat tgatagcatt attaaagatg gaaaatttat aaaaaacgtg gaagacgccg 100200
 tgttttatac ttttaatgct gtttttacga actcaacttt caataagatt cctttgacga 100260
 cgataagtcg gctttttgtt cagttgatta taggaggaca cgctaaagga acgatttatg 100320
 acagtaatgt aattcgcgtc agtcgtcgga aacgagaaga cagtttacta aaaaagatga 100380
 gattggagta tggaaacgca cttatactat gacaccctgt accaatatca aggcggagtg 100440
 tatccggccc atatttgctt gccgacagat gcgtatcttc cgatgagagt ggattgtatc 100500
 gagtctttat attttcggtg tgtatttttc aagaatggga tgcattatac tgaatggagt 100560
 aaattaaagt ttactgtgat ttcacgtgaa ataaagttaa aagatgtgtt aaagaatgct 100620
 gactttgacg aactttttac cggtttggtg gtaatgacta ttccaattcc gatagtagat 100680
 tttcattttg atatcgattc tgtaattttg aaattggttt atccgcagtt agtgcaccga 100740
 gaaatagtgc tgaggctcta cgatctcata tgcacagac cttcgtcaga ccggccgtcg 100800
 gaagtatcag ctaaaaatat tggatttgat ttctatcaac taacttcaca gggaaataga 100860
 caaacacccg atgaggaaaa acgttgtcta ttttttcagc agggaccttt agagccaccc 100920
 tctaccgtca gaggcttaaa ggcaaccggc aatgcaaagc cgatgcagat tcccgtcat 100980
 gtcaacgaaa aaatgaccga atctttttta agcgatagtt ggttcgaaca aaaggtcaga 101040
 tgcaaaaaaa tattggattt tactcaaacg tatcgagtcg tggatgttg gtacgagctt 101100
 tcgttttccc gcgagatgca gatcgagaat aatttactgt ccgcttccca gctaaagcgg 101160
 gttaacgctg cggatttttg ggatagaact gatcgggtatt tgcgagatat tgggagcagg 101220

gtattgacac acatcgtgaa aacgcttcag attcataata ggcaatttaa acagaaattt 101280
 aattgcaatt tcccagttaa tttcagcttt gaacatctat tatcatttat gcagctcggg 101340
 aaagattttt ggatttttaa cttacttta gacagctgca ttattaaggc aattatctgt 101400
 ttcctagggt ttcgaaacgg gagaaaatct tttttagctc aagatgaagt ttggggagat 101460
 ttaatagact gttctaaagg atcggtgatc tatggggaaa agatccaatg gatttttagac 101520
 tcgactaaca atttatattc gacgcgtcgt gaaaaacaga ataagtcgtg ggaattatat 101580
 gttgattgct gtgctttgta tgtatctgaa aagttagagt tggattttgt gctaccgggc 101640
 ggttttgcaa tcaccggtaa attcgtctct actgatggcg atatcgactt tttcaattgg 101700
 cgatttggtt tatcttagaa attttttgca gaatgaatgt aactggttca ggatttgtaa 101760
 aaaaacattc tatcgcgaa atcgcagcgt tgcgacatcg tctcctatat tttcgttgaa 101820
 gaataagcct aagaaatatt gcatgcattg cgagatggta gtgctcaagc gaagtcatga 101880
 atttatgttc agccttgcg taaacggcat acattttgga cagtttttga ccggaataat 101940
 gaaatttaag aagaaacagg ttgcggaagg gctctgttac tatgtattgg aattgggaag 102000
 cataagccct gtggatttga gctttatccc aaaatataat tctgactgtg ttacaagcat 102060
 gcattgtgtt acaccggagc ttatttatga aaattgctct attgtgtgtc ccgaagaggc 102120
 aagtcgcctc acagtaaaag ggcccgggga caataaattg attccttttag gtgggtgtgg 102180
 agtatggtgt ctgaaaaatg gtggcgatct gtatatctat gctttcgtac tcgtttacga 102240
 tctttacgta gcttgttatg acaaaaccat ctttccatct ctggcaaaaa ttgtttttga 102300
 tatgatagct tgcgattccg aagattgcgt cttttgtaaa gatcacaaca aacatgtatc 102360
 gcaagccgga catattgtag ggtgcgtctc taatcaagaa acctgttttt gctacacacc 102420
 gtgtcaaaaa aaaatgactg atattaacaa tccggagtta atctctttgc tctgtgatca 102480
 ggaaattaat aagatagata ttatgtatcc cgagaaaaaa gcaccgttat cacttgacat 102540
 taattcttac gttcatgggt acatcggcga cgagccttgt gcgttaaaat gtgttaattg 102600
 gatgccaatc aggatcagct cagctctgag caggctgatt attttgtcat gtctgtgtg 102660
 taagcgtgtg gtaatggact aagtgtgcgt tattttctgt attaatTTTT tgtttctgaa 102720

aataaaattg aattgatagt acttacgtgt gtattgtagc agctggcgaa aagtgcgtgtg 102780
ctctttatat tttgatggtc gattgtaatt acattatcca ggcattgtgat tgtcttttct 102840
ggaaacattc ggcggcattt aaactcgact tctttcatca caaagtgaga tacatgtttt 102900
tgatgtgcta cgtaaccgat gctgattcct tcaatgtttt tcaataaaaa acttataatt 102960
ggaactatga accacgtttt tccatgtctt cttgggacta ggaatacgtt agttttttgt 103020
ttcagcgtat tcagagtact ttcgtttacg aattcaatgt cgaacacgtg ggtcagatag 103080
ttgataacac gattggctaa agccggaagt ttggtgacgg cgatgaaaaa gattacatgt 103140
atgagaatgt tcttctgaaa tggttccagt tgtattttgc gcgtgtctcc aaactcgttg 103200
aattctcctt tgatccattt tctgaaatct ttgataaaac catctatttg caagaatagc 103260
ggttcacgat atagaatctt aaaggattcg agaaactctg tgtattgtga ttcaaaggat 103320
ttgtcggaag cgggtaagaa cttcatttct tgtagcttgc gcgtaaggct cggtagtata 103380
gtaagaggct tacggttttt aagatgtcgc tgtttttcac agaattgtata tagaggtttt 103440
acctgttggt tatatgaatg ggctaaccg agttctggcg tgagcattat aaaacgcttc 103500
ttatagaaga tggcactgtt ggggtatttg gtagatatcg tagaacagtt tctttcgcct 103560
ttccatatga tcgcttcata gttgtttttt atgtgggtta tgtcgcaggt acgtagcatg 103620
gagcccgacc ttacgctggc ggcggtctat caggcggcgg cgaacctcac agagcaggat 103680
aaggagattt tttccgaagc ggtaaaaact gcgttttcag tgtgtagttc ggcagccccg 103740
agcgctaggt tgagaatgat cgaaacgcct acacagaatt ttatgtttgt gacgagcgtt 103800
attccttcgg gtgtgccgtc tggtgaaaaa aaaacaaagt taaatatcga tgccgctctg 103860
gataatttgg ctttgtcggt tgcgaaacaa aaatcaaaaa agatggctag aacgtatttg 103920
ctgcagaacg tttcgcggac tcaagatcaa caagttgcca tttcggggac gtacatttta 103980
tatacaaaaa aacacattga aacgtctttg atgctcgata agacgaagtt agttaaacaa 104040
attcttgagt atgccgagac ccctaactctg ttaggggtata ccgatgtgcg tgatcttgaa 104100
tgtttacttt ggttggtggt ctgtggccct aaaagttttt gccagtcaga cagttgtttc 104160
ggatacagta agacgggata taatgccgca tttccgaatc tattgcctcc gtatctgtac 104220

gaatgcggcc agaataatgg actgtttttt ggcattgtgc aagcttacgt gttttcttgg 104280
 tactcagatt ttgatttttc agcgctagag atttcagaac gcgctcgtcg tcgaatcagg 104340
 tcactcctgt acgacttaaa acagaagttt tcggagcaag aaatttctgt tttaccggta 104400
 gcgtcacaga tgtgtatctt ctgtgcatta tataaacaaa acaaacttag tctagaatac 104460
 gtttctgggtg acttaaagac ttctgttttt agtccaatta taataaagga ttgtttatgc 104520
 gtgcagacga caatttctac aactcagatg ctgccaggta caaagagctc agcgatatatt 104580
 ccggtatatg accttcgtaa gctgctcagt gcacttgtca tttcggaagg tagcgtcaga 104640
 ttcgatatat aatgtctttg aaggactatc tgagacagtc aatttctaaa gatttggagg 104700
 tgagacatcg agattcttta aagattagat taggggagag acatccgttg agtgtgcac 104760
 agcatatgat cgccgctagg cagatcatta aatcggacaa tgcggaacac cagcatgtca 104820
 tatcttcttt gagtggtttt ttggataagc agaagagttt tttaaaagtg caacaaagag 104880
 ctttaaagca gctagagaaa ttggacgtcg atgaaataat tgatacgacg gcggaagtga 104940
 aagcggtcag taataatata aaagaaactc ttatggcaag cactgaatta gaataattat 105000
 ggacaacggt gtggagacac ctcaagggtca aaaaactcag ccgataaatt tgccaccaga 105060
 caggaaaagg ttgagaaaac atgacggact tggaaaagggt gttaaacgaa aactttttgc 105120
 cgaagatagt tctccgttaa agaaacagat ccccgctgc agcgatatgg aaacactttc 105180
 ttcgcctgta aagtttggat gcaagtcgcg aagtgttct gctctcgatg aaagtttcgg 105240
 aaaatgtaaa cacgaaactg cttgcgattg ttctgcgata gaggaattgc tttgtcacga 105300
 gtcgctttta gactcgccga tgaaactgtc gaatgccac accatgttca gtcagacaa 105360
 atggaaactg gagctagaga aaattatagc ttcaaagcag atatttctag acatgagcga 105420
 gaatgttgaa cttgtggcct acggcgagac tttgtgtaac ctgagaattt tcgaaaagat 105480
 cagctcgccg tttttgtttg acgtgcaaag cgaggagcgt tcgtattcag tggtttacgt 105540
 ccctcacaac aaagaacttt gtggacagtt ttgtcaacct gaaaagacta tggctcgagt 105600
 tctcggagtg ggtgcctacg ggaagggtgt tgatctagat aaagtggcca taaagacggc 105660
 caacgaagac gagagtgtca tttcggcttt catagccggt gtcacccgtg gaaaatcggg 105720

agccgactta ttatctcacg actgtgttat taataacctt ctgatttcaa attccgtttg 105780
 tatggatcat aaagtgtctt tgtcacgtac ttatgatgtt gatctctata agttcgaaga 105840
 ttgggatgtc aggaatgtaa tgaattatta cagtgtgttt tgtaagttag ctgatgctgt 105900
 aaggtttcta aatctgaaat gtagaattaa tcatttcgat atctcaccta tgaatatctt 105960
 tataaatcat aaaaaagaga taatctttga tgccgtgttg gcggattaca gcttggtccga 106020
 aatacatccc gagtataacg gcacgtgtgc tattgctaaa gagtatgaca gaaatcttca 106080
 acttggtcca atcagtcgta acaaattctg tgacatgttt aatcctggat ttcgaccact 106140
 tgtcgccaat gcaatgatat tgggtcaatgt atgcgaggct tttgatgggtg aaaataatcc 106200
 tcttagacac tgtaatttgg atctgtgcgc ctttgctcag gtcgtattat tgtgtgtcct 106260
 gagaatgaca gataaacgcg gatgccgca agctcagcta tactacgaga aaaggtttgtt 106320
 tgcgttggct aacgaggcct gtcgattgaa tcctcttaga tatccatttg cttacaggga 106380
 tgcttgctgt aaagtatttg ctgagcatgt agtggttgcta gggttattgt tttaccgaga 106440
 cgtggttgat atatatgaaa aaatatacga ttttctagat gaaagagggg aatttggggtt 106500
 acgagacctg tttgaggcaa cttttttaa taatagtaaa cttaccagac gtcagccaat 106560
 cagaggaggt cttgcgtctc tacagtcgtc cgagtatgga gaaaaacttt tacatgacct 106620
 tagagcgttg ttcttgatca cttcttctgc agatctggat aaagatacat catctctctt 106680
 tcagatgtga tatagtaatg gatcttaatc agatatctga aacactaagt gccgtggcag 106740
 aagaagagcc ttaaccatg tttttacttg ataaactgta cgccatacgg gaaaagatca 106800
 agcaagttcc attttcgatt gttcgcttgt gtcatgttta ctgcatgcta ataaaatata 106860
 acgcttctaa caataattgc attttgggcc gtaaaacttat tgaggaaatg cagcagtttt 106920
 tgtgcggcgc gagagtggat ggatcggaag acgtttctat ggatctgagt gaattgtgca 106980
 agctgtacga ttactgtccg ttattgtgtt ctgctctgtg tcgtgcgcct tgtgtatttg 107040
 tgaacaagtt atttaaaatc gtagagcgtg aaactcgggg gcagtcggaa aatccgctct 107100
 ggcatgcgtt acggagatat accgtgacag caactaagct gtatgacatc tacacgacaa 107160
 gaaatttttt agaacataag ggacagcagt tttttgggga agcggtgatt tacggcgcga 107220

aacatgagcg tgttattaga cacctagtag cgatctttta cgtaaagg gaagtcaagg 107280
 aaacgttggg attgctgctt gatccttcat ctggagtttt cggtgctct ctagacgcgt 107340
 gttttggaat ttcattcaat gaggatggat tcctgatggg taaggaaaaa gccttgattt 107400
 ttgagattaa attcagatat aaatatttac gggataaaga agatcacttt gtttctgaac 107460
 tattaataaaa cccacggag aaatcttttt cggattttat tttatctcat ccggtgcctg 107520
 ccatagagtt tcgagaaaga gggaagattc cgtcatctag agaataattt atgacgtatg 107580
 attttcaata tcgtcctcag agaaagttgc gcacttgccc cactccagct attttgacac 107640
 ctcatatcaa acaactgctg tgtttgaacg agacacagac gtctacggta atcgtttttg 107700
 attgtaagag ccacttgagt gagcagaagc tgtctgtgtt tcagaaggct gtgtttaccg 107760
 tgaacgtatt cgtaaatecg aaacacaggt atttttttca gagtctgtta caacaatatg 107820
 taatgactca gttttatatt aatgatcata gtaatccaga atatatcgag agtacggaag 107880
 tgccttctgt tcacattgtg acggctctct tcaggagaag aacagaggaa gaaaggagtt 107940
 tgcatttggt aattgatgag acggaatata tagaagaaga aatacctttg gccttgattg 108000
 tgactccggt ggcaccgaat ccggaattta cttgtcgtgt tataacagac atatgcaatc 108060
 tgtgggaaaa taatatttgc aagcagacca gtttacaagt atgggcacaa agtgctgtaa 108120
 accagtatct tgcggcatgt gtaagaaaac cgaaaacacc ctgatggatt acaagggaag 108180
 tcctatatta ctgacgacgg aatttactgt tttgaccgat accgaatcgg aagaggaagg 108240
 gatggcagat cttgaaaagc cctgcttga aagagtacag gccacattag ctgctaaatg 108300
 tgatacggaa gttgaaaaaa aactgccgct taaatcaaaa aaatgataga cgacgcagat 108360
 ttacgacacg ctctgtatttt attttgtggc tatttgacaa taaacatgat tgtaataaaa 108420
 aaaagtgtta ttcgttttca tccattaggc tcgagctttc agcgttaagt agttgcttgt 108480
 accgacgctt ctttttaact aggtagcgta cgagtcgaca aattatgaaa ccgatcgaaa 108540
 ttatggcgac gaccgataaa ttgataataa gtcctgtgct ccactcggat tcaaagaaag 108600
 tttcgtactg gagaataggg aaagataggc ctacggcgcc acaaaacata ccgacgtaat 108660
 agccgaacaa gggtttaacg tagcgaacca ggacggcttc tattactata ctatatatgc 108720

aagccatgac aagaaaggta ttgatggaag agaaagcaac ggtgatggaa cgtatgtaga 108780
tactatttcc gacgcccagg caagtagtaa tgccgagaaa catcgtagag taacctagca 108840
tgagtccgct tagattgatg acaacggctc tgaattgtac ggtccccctt aggttaggat 108900
gaattttctg aaaggcgaaa aacgacttgt ccgctgactg aaattgcgtt atcagcgtaa 108960
cgtaaagggt ggtgaaacac acgaagaaga tggaataggc aaatgcacct agggcgacca 109020
gtctgaaaga cagggcgggtg acgaataact gaaatgtatc catgattaag atgaattgaa 109080
agcaggatga ggtgtcccc atccaggtaa tatccctcgt tgtttggtta acgttagatg 109140
ttttgttaga ggagaacact tttgcacagc agacaatgta ataaataata atcaggagga 109200
ataagatagc cattatcagt acgtagcata taatctgcac agggtttatg taaagttgat 109260
gcgtcatctg atatatttca ttattagcgg agagattgac cgctttgagg tcattgattt 109320
caaagtaggc gcacggaaat cctaaatttg gaaagtttat ggctatcaga tggaccgtga 109380
cgtttataaa tgacaaggct gcacagatta tagagaccag ccagatccgt aaattaatgg 109440
tgtctacacg actggaggcc ataccagctc tgtgatggag aacagggttc agaacgatac 109500
tctgttctca gagtgggttc gccagagttt gtccgatgta agatttccgg acaatgtcac 109560
cgtttattct caagccgact cggcggtgag ttttgaaaac gtcaggcagc cgataaaact 109620
ggttcgcgca gcgatgggtt cagggaaaac aacagctttg attcattttt tgaaacagggt 109680
acccaaggaa ctatctgtcc ttttgatttc ttgccgtaaa acgttcgctg cggaaatttt 109740
gcaccgtttt actctcaatg ggttgaggga ttttgaatta tattgcgata ttacggagcg 109800
gcagataaac aacagaaaag tcattgtcca gatagaaagc ttgcatcgtc ttacagaaaa 109860
ttacgatggt ttaatattag atgaaattat gtcgattata aagcagtttt attccaaaac 109920
gatgacaaaa accaaagaag ttgattgcaa gtttttatcg ctgatcaaaa attccagtca 109980
tgtaatagct atggatgcga cgctgactcg gcatgtggtg gagttttttg ccgcgttcaa 110040
gccagatact caaatcgccc tcacagaaa tacatttggtg tccgcgatgt tttccaatag 110100
ggtcgcttac ttttgtgaca cgtttttttg taaagagttt tctttttttg cgcgcttgga 110160
agacaagcta cgatgggata agaaattgtg tttgttttgc agcaccgtgt tggcagcgga 110220

atacatgcat gatttgatac gttctcggtt ttcactcaaa aaagttcttt tgttgacgtc 110280
 taaacaaggg aaatgctctt ccatagaatc ttggatacgg tatgacgtag tgatttatac 110340
 gtccgtcgtg actgtcggtc tgagtttcga accggtttat ttcagctctt tgtttggtta 110400
 cattcagttg gccaaaggag ggccggacat ggtttcaata tttcaatcca ttggtcgtgt 110460
 gaggcgagtt atcgatgaag atatatacat ttacatgaat cccgtactaa ttaaaagcta 110520
 tgatcctttg ggcctattg ccatgcctcc ttgcagtgat tggagtgtcg ctgagcagtc 110580
 tatcatctca gagagttgca ttgacttccg cggaaagtgc agcggagcgc ataaatataa 110640
 tttctgttcc gtactgaagt gtctttttcg atacaggcatt tatatcgaaa agactactat 110700
 tacaagttta tcagatagtc tctttctgct ctgcagtctg ttatgtgaga attctattaa 110760
 ggtggacatt gttggaaatg gattcccgat gcgcaaagag gtttttttga gtttcttgca 110820
 aattctagtt gaggagtgtc attttatcga aaagaagatt actttgccgg gtgacaacat 110880
 gacgtttcaa gagatcataa gtagcagaga aactatcatg aacggagatt tttatgaaaa 110940
 cggtaatcag ctattacata aggactatat taccgacatg ggaaagttca gagcgacttt 111000
 tttatctccg ggcgttgaca ttttcattgc atcggacatt gtatctgac tgaaaaatga 111060
 aagcaaacgc tatgtttttg tgaacgtctg gttacaaaaa tgtgtgtctg ctggtgtaga 111120
 aagcacgcga atcgaaagag tttttactga gcgaattaag tcttatgtgc tgccgaagag 111180
 ttttttgtgc gatgagtact ttgttctagg tgacatctct ggggtttacg agtggggaat 111240
 gttaatagat ctggccttcc tggcggaat gatccgaaaa gatttgaaac tgaaatcgtg 111300
 cacagatact actactgaca tttctgaaga tgatctcctt ttgtgtgcgg ccaggaggtc 111360
 gagtgacatc ttacaaataa tgcaattggt gtttacggtg catgtgcaat tttttcaaag 111420
 atacagtctg cagactctgc agctttttta caagttgaga ggcattgcga ttgtgacggg 111480
 tgtgttttct atagaaaaat tcagcatttc catcctcagg cttttcttta aatgtgcatt 111540
 taatatgact ttgtccgcca gcaaacctcg gtacatcccg gggaaggcgt atcgcaatct 111600
 aacaaaaaat gatctggaga acatgctaga caattgggag atttcgcgca ccaatcttaa 111660
 gacttgtaaa gaactacgta aagccctcac cgaggcctcg agagcaaggc ggaaacaaac 111720

aatttataaa cttcaaggct cggatataag cctttccgtt agtgaagttg gagtttttgg 111780
gcaacatgca tctccggggg tgtgcgtgtc atcttagcct ttattgtgtg tacaacgact 111840
gggagaataa gatctacaga gtaccgattt ttcagtgttt gtttttagaa gcggagactc 111900
gttcgttaaa aacgtttttg attaggggac agagcctaga ccaagaatcg ttaaatagaga 111960
tagaagttac aagaaaagaa acaatgcttt gggaccttca ggaacaaagt aatatgatgg 112020
acaaaaaat agcagcaatc agcagcctca ttatgaataa cggagagctt cttaggaaac 112080
tttcaaaatt tttcgtgcct ctaactgttg ttcttgaga cgacgggtta gagatttttg 112140
aagcatacgt ctgtggcgag gaacccatgc tgcctttgga cacggtacct gttatattac 112200
gatgtgtcgg agactacgca gccttgaca ccaagcatct cttgagtaac gaatgtacac 112260
aggcgtctaa aaaacttcgc tttggataca gtgtaatgga ctttcacttt tcgctaactg 112320
tgtctgatgt aaaaatttgc ttttcacaca cggacaccgg tgaggctgta tgtgaaaaaa 112380
tgaaacaaat tttttatatt tctgtgtgtg cttttggtgg tgagcaaagt ctcttagtga 112440
cgccaaaaaa tgcttatgcc ttattgttcg acgatgattt gtgtttgctt ttactgcaga 112500
gcgtgtttgc tttcctgcac gagaagatat tcggagtta taaacaggtg ttagttcagc 112560
tttgcaata catcgggtccc gacttatggc cctttgggaa tgaaagatcg gtttctttta 112620
taggatatcc gaatctgtgg cttttgtctg tatcggactt agaaaggcgg gttccggata 112680
caacttatat ctgccgtgaa attctctcat tttgcggttt ggcgcctatc ctgggacctc 112740
gtggtagaca cgcgatcccc gtaattaggg agctaagtgt tgaaatgcct ggaagtgaaa 112800
cctctttgca acgtttcagg ttcaatagtc agtatgtttc aagtgagtct ctgtgttttc 112860
agacaggtcc cgaggacaca catctattct ttagtgacag tgatatgtat gtagtgactt 112920
tgccagattg tctgaggcta ttattgaagt ccacggttcc tagggccttt ctgccatgtt 112980
ttgatgaaaa cgccacggaa atcgaactgc ttttaaaatt tatgtcgagg ctgcaacaca 113040
gatcgtacgc tttattcgat gcggtgatct ttatgttaga tgcttttggt tccgcttttc 113100
agcgagcatg tactctaata gaaatgcgat ggctgttagt gagggactta cacgtgtttt 113160
atttaacctg tgacggtaaa gattcacatg ttgtcatgcc tttactgcaa acggccggtg 113220

aaaactgttg ggaaaaaatt acggaaatca agcaaagacc tgcatttcag tgtatggaaa 113280
 tttcgcgctg tggatttgtc ttctacgcta gatttttttt aagcagtggg ttgtcacaat 113340
 ctaaagaagc gcaactggaca gtaacggcaa gtaaataatct atctgcatgt attcgggcca 113400
 ataagacagg tctttgcttt gccagtataa ctgtttatct tcaggatatg atgtgtgttt 113460
 ttatagctaa taggtataat gtttcttatt ggatcgaaga gttcgaacct aatgattatt 113520
 gcctggaata tcatgaagga cttctggact gcagtagata tacggccgtg atgtctgaag 113580
 atggacagct tgtcagacaa gcacgtggaa ttgcattgac tgacaaaata aacttttctt 113640
 attacattct cgttacattg agagtgttga ggagatgggt ggagagtaaa tttgaagacg 113700
 ttgaacagac agagtttatt aggtgggaaa acaggatgct ctatgaacac attcatttgc 113760
 tacatttgaa ttaattttgt ttctttacat aacatagaaa aataagactt agctagacgt 113820
 gtcttcattc ttcgaataaa aaatttgtgc gaattgtgtt gctagtgtga tgacttgag 113880
 agaactgtct tgcagctgtc tagattctaa ggataaattg atgaaattgt gactacgttt 113940
 tgtgttaaaa taaagttcca aaacttctat atgcgtgttt ttcatttcat tgtatagtct 114000
 aatcatcgga ggcaccttgt ggaggatttc tgaggcgtgt tcgttaaaaa aaatgtgtct 114060
 tagtgtacaa accaatttgt cgcacgtgtt gaataatatt ttcgttaccg gagataggac 114120
 ggggaaaaga acgagcctag cgattagttt gtgcagggtg ctttgcttca gtggaagatt 114180
 ctctaatacg aacactagtc cgcaaagcat aaattcttct ggcgtatcca ctttcatatg 114240
 gattagtctg cgtttgaact gaaaaggatt gagtcgcagt tcttgcagtg tatcttccga 114300
 gtctagtatt atgatgcaa tgaagccttg gaatcccaac tctttttcgc agatgggtctt 114360
 gtattccagg ccgttgatca tggttccgtc ttccaagtgg aaccatatc cgtcgtctcc 114420
 tactgttata ttactaacg aatgtcgtgc gagggatag cacttatcaa tcttgatcac 114480
 ctttaggata gttcggacgt gtaagggtgtt gaatacgtct gaggtttcta attcttttaa 114540
 ttttttcaag gatttcattc tccgggtttg gggagaaaat gttcgaatcg aaaatcggct 114600
 cgttgttttc ggggtgcgtt tgggttaaata tatacacttc tgagatctga tttagctctc 114660
 ggacgtatac gagtcttaaa taatgcttga ttttgctgct ttcgtagatg gctaataaga 114720

tttcaccgag ggatagaaag agaaattcct cggaattga ttcgaggttg taaatattta 114780
 agagtcgcct taggaaaggc acgatgagca gctcgatgct atagttagag tatgtgatac 114840
 tttcttcctg tccttgatta ttaacgtttt ttcttaaccg aaagggttcgc atgtattcca 114900
 tttcccatag ttggtctatt cgtttgctcg catattgtgt gtctgggata tactgtgaaa 114960
 aaaaactggt tgcgactgat ctggtgtcat ctatggaaac gctagtgaat gggagccttt 115020
 gaactatggt tagcgctcgc gataaagaga gattctcgag gtcatgggtcc agatccgggt 115080
 tatagcgatc acaatcggtt ttcgtctcga gcaaagagt tagatctttg attttccttt 115140
 cgaacatttg gtttggtggt ttgagtgttt cgatttcac cactgtgtgt tgtatctgct 115200
 cctccatgca cttgatgatt tgttttttga acagatctcg aacgtctctc tctcctgtgt 115260
 cgatcgcaga gcgttttcgg aactgtcctc gggtcagcat gagtttattt tgggtctatta 115320
 tagagggggg gatttcttga ataaatcctt caacgctgtc cctaatacct attttagatt 115380
 tgctgtccga caagttgagt aaaaatttga ttaaaactttt tttcgcgtcg ctgttttttt 115440
 cttctttttc tatcatgtcc attatctttt tgttggttac atctgtcttt gctgtgggta 115500
 gcacctttat gggaaatgta ttcaataatt ggcacatttt ttgatgacgc cgcagactat 115560
 tgtgtttttt tagttctgga gaaagggtgg cgaggggtgt agtcagcatt aggcgatttc 115620
 taataacata tgggggtgctg tacgtgaaaa acgctatagc cttcttggtt ttaaagcaag 115680
 aaatttgctc cgaattccga tctcgaaaa tcttaatatt atgaaaatcc ggaatgatca 115740
 cggaagatag acccaataaa atgggagtga caatgttttg tttatgccgc actatgtcgt 115800
 ggattagttt agatgacact tgttgtagaa gattgtataa gttcggggcc gtaggggtgg 115860
 ttctcatgaa cggaacgatt cctacggtac agatccagtc tacatatctg ttatagtgac 115920
 tgttgcttat gctctgaagg ataaaattaa ttatattaga tatatctccc aagatcacct 115980
 gtttaatcgc gtgagcccag aactaaaaat aatcttgaaa tgacaatttt ttgttggtga 116040
 acggaaatga cctcacatga cgtttccatt catcgtggat ttgttgaata gaaacgctgt 116100
 ttaaaagggc ttgagctact ccataggcta tttgtttttt cagtacggca gaatctcgga 116160
 gagcgttgtg gattgtttga cctttgaaaa aatttttgtg tccgtgtagc atttcaataa 116220

aagtcattat ctgctcagag ggataaatca tgtctatctc ttcgttgttc ggaggtagat 116280
acgataataa gtttttgctt aacatgtctt cggctcccaa aatagagttg attgtagata 116340
agggtggcttc gttatcagaa agacgcttgg aggggcgctc gccagaagat tggtttcgcc 116400
acatcatgga tcctgaaacc gagttcaaca gcgaatttgc tgatgctctg tgcacggtta 116460
ttgatgaatt cgctcaacct ctgccttttt tgccgtttta ggccttggtta gtaaccggta 116520
cggccggggc agggaaaacg aacagcattc agaccttagc ggccaactta gattgtatcg 116580
ttactgcaac gacatctatc gccgctcaga atttgagcgt tgttttaaac agaagtaaatt 116640
ccgcgcaagt taaaacaatt tttaagactt ttgggtttta tagttcacat gtatctatga 116700
gcgaacgtca aagttatatt gcaaagtacg agaggtcgat tcaaattcaa caaagcaag 116760
acctgtctat ctattggaat gttatctccg acatagcgga gagggcgttg ggtgctgtcg 116820
cgtgcaaaac taaagagtta cctgatttgt gtgagagtag tgttatagtt atcgacgagg 116880
caggcgtaat attacgacat attctgcaca ctgttgtttt tttctatttg tttataacg 116940
cgttgataaa aacccttttg tatgagaacg gaattgttcc gtgcatcgtg tgtgtgggg 117000
cgcccacgca gagtaacgct ttggtgactt catttaatcc gctgactcaa aacaaggacg 117060
tgaagagagg aatagatgta ctttcagcct tgatctgcga cgacgtgctc tctaaatatt 117120
gcgaagtoga taataactgg ataatctttg taaacaacaa aagatgtgcg gatcatgcgt 117180
tcggagattt tttaaagcac atagaatttg gcttgccgtt aaagccggag cttatagagt 117240
atgtcgatca gtttgtgaag cccgcttcgt acataagaaa tcccatgaac gaaatagaaa 117300
cgaccgctt gtttttatcg cataacgagg taaagaacta tttccgttca ttgcatgagc 117360
aggttgaagt taccaacaga aataacttgt ttgtgtttcc ggtttatatt ctcataaaaa 117420
acaagacttt cgaagactac aaaagtgaat ttggttaatt ctccttagaa attgaaccgt 117480
ggtttaaatc taatattcat cggctgaata cttattctca gttcgcggat caggatttat 117540
cgaaaactgt tcaattggag gagattgttt tggaagatgg gtcggtggaa gagactttga 117600
taacctgtca tctgaaacat atcagaaaca gttcaatagg tgtgacgtcc aagatcaagg 117660
cttcgaccgt ggggttttcc ggaacttatg aaaaatttgt agaactgtta cagagcgatt 117720

tgtttatcga aaaaacgtca tgtgagcaga ctattcacgc atattctttt ttatccggtc 117780
 ttatgttcgg agggatgtat tctttctgct gtccggaatt caccaccct gaagtgttaa 117840
 tggaaatcaa aaacataaag atgcccagta ttgaattctt agaaagtga atgtcgagga 117900
 tgtctcgaga cgtgcaaacc gtagagacag atgaaaggta tgatttcgga ttagtcgatg 117960
 atgggttatt agatatggac ctattagaaa ttgatccttg cggagatcca ttttttacta 118020
 ggtatagtaa gttgccttta actaattctc tgtcgttcga ggaaattagt ttgctttata 118080
 cgacgtttta ggatatcttt atatctaggt ttgccattct gcagatgcat aaaaaagga 118140
 agttcggaaa gactctccta gtgacttata acagaaacaa cgtttctaga aaacagtgcg 118200
 gtgagatata ttcccattha aagagttttt atgggtatgct cacctacgct atccctgcca 118260
 ataattatac tctggagggt tatacaaatg ataatgtagt tcatttagga acggataaac 118320
 aattaccgca gatcttatat aaaaaaggat tacctagatt agttataaaa gatgaaatgg 118380
 ggttcatttc tgtttttagat aataacgtgt cgaaatttgt cgatgtcgta aatggtcaga 118440
 gttttcatct atgtacaacg gtcgattacg ccaactgtttc taaagtcttct atgaccatca 118500
 cgaaaagtca agggctttcc atacaaaagg tcgcaataga ttccgggagt gatccaaaaa 118560
 atttaaaatt gagttctatt tatgttggga tgtcacgagt aaccgacccg aataatttaa 118620
 taatgaatgt taatcctttg agactgaatt atgagaatga taattttatt gctccgcata 118680
 ttgtaaaagc gttaaagaac gaaaatacca tgtaaatatt ttagggagggt tttttatgag 118740
 aatatataaa aaaaactaaa acatcagatg aattgtgcgt gtaattgttg aaattccata 118800
 cggtcgaatg agcttatctc cgtcggtccg ttttttctgc aaaacaaaag tagtacaggg 118860
 atttagtaca gtatgtctcg aaaaagacaa ggggtgtgaaa ctttatgagg aactgatgag 118920
 aatgactta cggccatgat tttgtttcgt cgctaaattg aatacagctg cagggatgtg 118980
 gtatgagatg acatctgcaa aaacaaatga aagtctccc cggagtacac gtatgtactc 119040
 cgggggaaac ctcaaaaatg cacaatttag cctattaagc agccgcgaac tcgttaatag 119100
 ttactttgat gttaactcag gtggtggctt ggatggtgtc ctaagtatca atcgaagctc 119160
 ctttattttt tgcactactg aagttattct aggtatcggg gtaagaataa gatgacgaaa 119220

aaaatatgct agatccgtcc attaaatcct agagttgttt ttagtaataa taggttattt 119280
 acaaaagcct gcatatgata caatgtttct gtatgaatcc agataaaca aaatccagga 119340
 gtaatgattg gaatcacaaa atgattagtt agatgcttaa cttacttaat aactacactt 119400
 atagactaaa cttacttat caactatact taacttttag gtccttataa tgtgaactaa 119460
 ataatcaact gttttgtgcc caatcccca ctactaaagc aatcgtcttt gatttatgaa 119520
 acaacgaggc ccacttcacg ttattacata gatcaaggtc tatctcttgg cggtttttga 119580
 attcttccga gagcgtagcg gtttctaggt ttcagacacg tttatccatt cgccgggtat 119640
 tgatcgggtc atatcattag ccgtgaataa tctctggctt catttcgata caacgtgtga 119700
 aaactagtaa aaaggacaaa agcagccgcc tttgccgtct tcatgagcgt caaacactca 119760
 tgagggtcgt atcttacaac acaatatatg aaatactgtg agcgagggtta ccggtgtccg 119820
 agtcgcaatc cgaaaatcat atattgaaat ttgtaacaat gttatgcagt tgtactcaaa 119880
 gtatatggtg atgaattgaa catgtttttg atgttttcaa tggatattcg aaaatatattt 119940
 agatatcctg tagttttttt ctgatgactt ttctgatgac ttttctgatg acaatataga 120000
 agatggcaaa acaacaagtt actggtagtt cttgatgtta gataaaatga atcggagata 120060
 tgacaagtag agagaggtag gtgatacgag taaaattgaa ggggtgtttcc acacagacgg 120120
 gggaaattct atgagaacca cagccagaag caattgacga caatagagaa aataagcaag 120180
 catactcatc tcgtatagaa agaaccagtg acctacgatt ttccattcag gctagcatgg 120240
 tgtgaacgag ggtttttttcc gaaaactaga tgactatttc ttttaagcaag tgtaattttt 120300
 agcagtccaa gtttttatgc aacgcagatt ttaatgatgt gtccctcgat aactatacgc 120360
 tggaaactaa actaacttac atcttggttg ataaacgatt ttctattaaa aagactaaag 120420
 gggttttttt ggcatataca aaattgtatt gagctcttgg aagtgcgtag atgcaaaata 120480
 ggttaaactc taccttgaag ctacaacagg tcaacgttcg agtagacgta agttccatat 120540
 gtcgaatgcg ctgtaaactt tttcacggaa catcaaaaac accgaattta ttcacgttta 120600
 cataagcatg aatctgcaat ttaatatgac ccataaagct ttcatttcga tctaactaca 120660
 ttttagtatt tatgctccat aatgtatcaa agtgtatata ttcaatctgt ataagagtct 120720

gcatcaagct tcacgtgatt tgtagttcgc ggtagcat tcgctgtttt gccgtgtatg 120780
agacttacag tttgatccct aatacttctg acgggcgaca agccttttta tatgcatttt 120840
acggtaaagt ccacgccctt gtcgctgacg caatacgtaa aggttttcgg tttggatgag 120900
gatgtggtta accgttagta aaaagtcgtt acagtaaaaa agccgaacgg tattttttaga 120960
tgtcggacca catatcggtt taatagattt ttatatcgtg ttcggtgtct gacttagata 121020
tgtcgtttca tgggagaaat aaatcgtttt agttgtgtgc tgtagttttt ggatcgcaaa 121080
cgctcgagcc cggaagtgtg attcgtgcmc ataaaagggc gctggtgtct gtgctcgcta 121140
gctcatttgt gctggatgag cggcaaagaa ctcatctttc tgagattttt ctgggattct 121200
tttggtaaaa atgtatgtct cgtttgtagt cgtttctgga tttctgtaat gttacgattt 121260
gctatgtgta ttttgatggt gtcgagcatg tttattttgt tcttattttc acacagataa 121320
gatgtatgct gaagaacgtg gatatgggtc atttgacaat gttatacagg cttatgaaca 121380
aattattagt cagtctcttc atttgaaaag gtttgaattc gacaatggct gtttcattga 121440
gttcttagct gactctgga cgtgtgaaac gttttctaaa ggatggatat caatgattta 121500
ttggacatcg gagacagatt caatgggttc tctaacggtg gatattggga tggatgaagg 121560
aaaatgcaga acgtacagag ctcggggcct tttactgtgt tcaaaatcaa tcacgtcgat 121620
ttctcagaat actgagggca gagagaggat tttgactgtt tcccatgaaa acggaaaact 121680
tcaaataacg tttgttacta ttgctaaagt ttctcggag cccgagctac gaaatctggg 121740
cgatttgaaa tttatggaaa agtttgaaaa agaattgtcg gctctagaca ggaaaaaaca 121800
cgacgatgaa cacagaaaac gctcggggaa gcagaaagaa aaaagaaaag tggaggacat 121860
tgacaaaaaa aaagaagatg agaaactaaa acaagaagaa aaaaaacgaa acgacgaaga 121920
caagcggccg gacaaaaagg atgaatttga tggtaaatat gaatgtgtag ctgttgtaaa 121980
tttttttatt attggtgtgt cacggtcgtg gactttttta aatagtatct gttttgttgt 122040
gatttcagaa ccccctaagg agaagagaca gaaatctcac cacgaaacga aacgtaattt 122100
ggaagaacaa agtcacgaag atggcatagc accgacttct acgacattcg tgaatggagc 122160
ggttgagggt gcgttatcgc cctgtgtttc tattgataat cacgaagatc aacaacatga 122220

tgaattagac aagcgcgttt atgcgcaggt ggggtggagtt ttgggttcac caaaacctag 122280
 gtcttttgag tctttgttgt gcgtatctaa agctgatctt tttcttttag gggacgaacc 122340
 gagaaggctc atccaatgaa gataattatg gaaattttca gcttaataag tctttagaac 122400
 agcttagggc cagacttggt gcaagcagcg gcgagggtgt agaaagatcg ctttcgaaat 122460
 tgaaagagcg tttggattat gtaaaggata atttaataaa aaatgtactt gaatgtgctg 122520
 atgttactgt tccaagtaaa tgtttaagta aaacaaaaca tatcgagcaa aagaaacaga 122580
 tagtgtttct tgattgtgtc aggtcggtag ctgtgtgtga gattaaaccg tttatcgaca 122640
 tgcgagtatt tgaaactgaa acaacgcaga acgcaagaag agttcgacaa cggaccagaa 122700
 caaccgtcgg atcaacagat ggtgcaatcg ggcagcagcg tgttatttca ggacaaaacc 122760
 ggggcagagc acgaggacgt ggccgagggg gagttcccag gagacggaat tccaatctaa 122820
 ataatttaag gacacaaaat tctgcaattg tcatagacga tagcagcgaa accgaaaact 122880
 ttgaaaatgc tgggagtttt aatgaagact tactggcaac cacaatattg gaaacactgt 122940
 gaattttatt gctgtattgt aattcttatg taaactaaat aggttctatt cgttcagaat 123000
 gttccaattg attgggtctt tcccggtgctc agtaagaaat aaatttgttc gcacaaaatg 123060
 attgcaacca ataaatggca ttcttgacgc tttcactttg ggtgatggat gtgcactttc 123120
 taagacgaga tgtttctgtg cgtctattag ataagagagt ttccgggcat gttttcccca 123180
 caacaagaaa acgagagagt tcatttgttc cgatagtctg ctgataatct tgtagctcag 123240
 tgtttgccaa ccaaatgcct cgtgggacat tggtaatcca tgaactacag tgaatatcga 123300
 gtttagcagt aggactcctt ctctacacca ggagttttaa cagccgttgt caggggggga 123360
 aaaattcggg atgcttcttt ccagttcttt aaatatattc tttagagatt ctggaatcga 123420
 gcactctttc actgtaccga aggccaaacc gcaacctctg ccgtcgggat acggatcgtg 123480
 tcccagaatc acaactttta catcgggtggg tttgcacaaa aaactccagg cgtggacgtt 123540
 atccgaagag ggggtggacgg ttagatgagc tctatcgttg tccaccaatt tataaacatg 123600
 cttaagatgt gtaatttcta acttgagag ttgcaggaaa ctcaaccagt ctctgtttat 123660
 gccgaagagt gaatgctgat catctattga aaggttttca tagttttttt cttcatcctg 123720

aacgtgatct aacatccact gtagtagggc catggttggg aaatgaaatg cagtggatta 123780
 aattccctag gagcatttta tgtgaatggg acgtgatgtc atagccaatt atgtgtttct 123840
 aatcagaatc gtagggcggg aacttcggaa aggtagttta gaattgtagg cttccatctg 123900
 ttttagcagg tcgaattcta ctccggtttt caagtggaaa tactttaaac aattcaaaat 123960
 cgtatcaaag agagtcaaag agttaaagg gaacctgata atttttgtga tgcctgtagc 124020
 aggattctcc aagtataata aaaaaccaat gttgctgtaa aaactgtctg tgttttctga 124080
 aatgttaaac tcgagacctg caatgttatc aacaaaaaag ttattgacgt acgtaattct 124140
 ttcaggcaaa tattttctac agttatcgct gatgcagggtt gttattccga cggaaggcga 124200
 acatgtctgg aagccattga aaaagttag ccaattgtcc cgagattctg ggtcccctat 124260
 cagcgcaaac aatgtgctga gttgctctgg gttatcctgc agaagtaaga agtcgctgag 124320
 gaattcattg gttaccatta tacggctaaa aggctttttt tttgttgggg gtttttagcag 124380
 tattgacata acgtcttcat tatataccgg agcttggtag attggttcta gtaatagagg 124440
 tacttcggat ctctgcaat ttattacagc tgcgatacag tcgtcaagtt tttcaaaata 124500
 gaaagaattg tggtcgaaaa gaggcacgc tttcgagaag gttagtaata tgagtacat 124560
 tacaaatagt aaaagttcca tggttatttt ttatttggag aagttaacac gacgggaaca 124620
 acatcttata tacagtaggg aaaaagactt gtcgaaatgt tcatttggct ttttattggt 124680
 tttttttatg cggcatatat tggatatggt atcggattta tcggtagttc ccccgatgcg 124740
 gagctgtctt cagaaaattc acgtatttcg tcttctgtct tattaggatg tttgttgtgt 124800
 tgcacagatt ggtccgctgt cgtacctggg aagacagaga ctttcagaaa accttttgtt 124860
 gcaatcatga ttaaaaagct aaaaagtgtt tttgctgctt acctgtctga tttagagcag 124920
 ggctcgatgt gtgatatggc aaacgcacgc ccgacaagtc ttgaattagg attgtcgaaa 124980
 ttagacaaag aatcatgaaa ctattcgaag acattaatac tggttttctt tctcgttatg 125040
 acgatcaata tagaggacgc aaagagagac caatttagat tcgagccaaa aaagtttatt 125100
 ttgtcagttt aatagtttgc cataatcatc ccaataaata tatttgttga aagagttgta 125160
 tatggtgatg tgttctcgaa ggagcatcgg ttgtgttacg ttcgcgatat tcagagtaat 125220

ctcgttggga tggcagattg caaaattgat acaaacgtga gcggcgcata ataaatcttt 125280
 ttccgtcggc gcgtttatca tgagagagca aatgccgaca agcttttttt ttgaggcggt 125340
 taccggtata ggagctacag cgtttttttcg aagtgcgtcc gtatgtggga cggtccctct 125400
 aaaaaactga ttgattgcaa tagcgactac cggttcatgg tgaaccgatt cagaaattat 125460
 ttgctcgccc acgttaataa ccatgttgcc aatggacatc aatttttctt gcatggcggt 125520
 tattaagatt ttatttcggg aataaacctg tatttgcaca attgaagcgt tgtaacagcg 125580
 gaataatctg taaattttctg acataaaatt tttaggtgag cacggggagt aaggtggaga 125640
 tgtttcgtaa gattgaaaaa ttttgaaagc gttgactgca ttcggatctt gcctttggca 125700
 ttccgtagac ttgacaattt cctttttctc cgtcgttgat gtctttacag gcatgttgaa 125760
 tgataggtcg gcgagagggt tgtccgtaaa tgcagaaaaa cgattaattt ctttattttg 125820
 gtgaaacacg gcgtttgaga ttttccgtag tttggaatgg gcgtagattg cgttatttcg 125880
 atatttttcc ttattaaatt ttatgtcggg cgagggtgtc tggggaaagg ctcttgcagt 125940
 ggcagaatcg acgggtttat cggtttgac ggtttgcgaa gatagattgt tttgtaatcg 126000
 attatttcgt atagtcgttt tagtggttag attttttttc cgttctgtag acggtttcgt 126060
 tgtttttcta gttcggcgag atttgacggt ctgtcttggt ttagagggtgt ttttattacc 126120
 tctgtctttc atctcttctg aacttaagcc atataaattt taacttttaa atgcaacgat 126180
 acacatcgaa atcagtagca ccataactga tattatcaat atcagaatta atggtacgat 126240
 ccaggtaaat acggtttcgt cagaatttga gcctttttacc gcttctttac tgtattcgtc 126300
 gtgattttgc acagtgtggt cgccggaagt tacgagagcg ctacgctttt ggttggtaaa 126360
 ccagctcgac gctagacatg agatgggttt tccgacaaat tccagcttgg ttcgtctttt 126420
 gaaagtaaag ctcacactaa cggttgacga tccgttttca ttctgtctaa ccattggtat 126480
 gtctctctta tatacttctc caagaaattt aataaccaca tttggttttg gataagacgt 126540
 cacggtacac gtaacgtcta aaaaattggt taggtaacga aaatacaaaa cgacgatggg 126600
 tttcataatg agttttaagc aactagtcgc agatgttttc tcgttatcca ctgtgaatgt 126660
 acagggtaaa catgtcgcgt catatgctga tctggcttta attttcaaca gagatgtagt 126720

tctatcgtgt tttatgtgga aatacaattt actgtccacg tcaagattgt tgatcttatt 126780
tagttcgtgt ataaagacgt agccatcgtc agtgcccgat aagttgtcca tgttttgtac 126840
ctcatgattc gatataagtc ggctttttatt gtaccacgag acgctttgga tgttttgtcgt 126900
tgtgttgagg cgacaatgga aagtaacagt tgaccctatt tcgtatacta aagaaggact 126960
cgtctccggg cgggggtacaa aatgtgcgct tatgataata catagaagcg gcaataatcg 127020
aagcatcaag ggactcatag tgtacacctg tgccaaatag cagtttctgc gccaaatagc 127080
ggtttcggat atatataagt cacacccaaa ataaaaaaaa gtcaaggatt tccgttatac 127140
tgttttattt ttttatttaa aaaaaaagtt gggagttaac attttgaaag tgtaagatat 127200
ttcgatttaa aatctctgct gacagaatta tagatagaga tagaattgtc accatcaatg 127260
attgagcaga cccgaaggac aatttcttta ggtttatctt tggcatactt attgcatatt 127320
ttagaagcca ttacaaagtc gatgggcgta gcggcgtaaa ccataagagt ttttacgtcc 127380
gaatgtctcg taaatagatc atgtgtgttg ttttcaagtt tatcccacaa ttcttgagggt 127440
ccttgttttt gtagttctat aaattgatta attgcatctt tgtcataata gttaggcggt 127500
gcatgattca tcttaaattg ctctgaaaca gtgatgttgg gtcgaatcat taattctctt 127560
tgcatcgtct taatgatttc tgctacttgt tttgatcttg taaagtacat aatgatggct 127620
ccggtgttag agcatccatt agaacagatg ttgtatacag cttcttttag cttgttttca 127680
gggaaagggt ttttggggat ctgtttgtat tcaaatgctc gtatgggtatt tctaaagagt 127740
tttctaaaat cttttgtaga caccctgccg cgatgaattt taaattttgc cgattctttt 127800
ttttcttttc gtctaacata ttctctataa gacaactctt cttcaatttc acttatttca 127860
gaatctgttt tcttcgttcc agatattctt ttcttgaaga aattttgcat actggaatct 127920
gaatcatcat cccgggtgcg cttttttttg cattttgttg tgttgcgtga tatgttactt 127980
tggttatccc gtgggcgata aattgtgtta gtgggtggtg tcgtgggtctt aggtgtcttt 128040
ttttgttctt gatcaatggc gttttctaaa tgattggatt gttcatgtgt gttagatgga 128100
ctagaattgt ctaggggaaa tttttcacct gttttctggg agtttctaaa catatctgca 128160
tgtctatgtt ttgattcgtg atttgagat ttgatttttg ttttgtctct tgaagctgat 128220

ttaggtcttg tttgtttttc tagttgttgt agtctagatc taggtgaata tgtggcagga 128280
 tcttcactgt ttttatatcg acttttgccg caggattttg atctggaact ggaacatgat 128340
 gaagagactg atgatgatga tgccgatgat gatctagttc tggagtgctg atagttaaata 128400
 gttataagct tgtctgttcc ggtttctgta cgtgaattag atctggaatt ttcttcaata 128460
 ctggaagaga tgcttgatga tccagatttg tgtttttttc tttttggagt attgagtga 128520
 tctggtgaat aacgagagta agatctggat ctagatgtag aactttctga atcgggtgtaa 128580
 ttggtggatt ctgatttttt tctgttgggt cttatatgag gtctgaatcg ggggttgtaa 128640
 aattgatcat tgtggttaaa ggactggagt cgagctgcag tatttttgta gaaattgagt 128700
 tcaggcccga accgaaattt gatttctgat acttcagctt ctgtactaat tgagggtgtca 128760
 tgtggatata tttgtctttt attagaatcg caacaaattt gcctcggttt acgtttgttt 128820
 gaagtttttt cacaagtttg aggggaaggt atgttggaaca ttaatttatt gttaggggtt 128880
 ttaccggagc tctgctggag gccctgctgg aggccctgct ggaggccctg ctggaagccc 128940
 tgctggaagc cctgctggag gctctgctgg aagccctgcc ggagcctgct ggaggctctg 129000
 ctggaggctc tgctggaggc tctgctggag gccctgctgg aggccctgct ggaggctctg 129060
 ctggaggctc tgctggaggc tctgctggag gccctgctgg aggctctgct ggaagctctg 129120
 ctggaggccc tgctggaggc tctgctggaa gctctgctgg aggctctgct ggaggccctg 129180
 ctggaggctc ttctggaggc cctgctggaa gctttgctag agactccgct ggaagctttg 129240
 ctggaagccc taccggagc cctgctggag gctctgctgg aggccctgct ggaggccctg 129300
 ctggaggccc tgctggaggc cctgctggag gctctgctgg aggctctgct ggaggctctg 129360
 ctggaggcct tgctgaaggc tctgctggag gccctgctgg aggtcttgct ggaggctctg 129420
 ctggaggctc tgctggaggc tctgctggag gctctgctgg aggctctgct ggaggctctg 129480
 ctggaggctc tgctcagagac ctcggtgaaa gttttactca gaggtttatc agagttttcg 129540
 ccattagttt ggtagaagt ttcagattta ttttcggtgg aactgcagtt aggtttcatg 129600
 tcagtacatt catcacggtt agaagtgcta ttcattggtc tgttgccact gttggatttg 129660
 ttaaaagcag taaatgagct aggattggaa tgactccgaa taggtgaatt gtctgttaaa 129720

tttttgttgg cgctgcaga gtgtttttta gacgcacagt ttctgttcat agttgaagga 129780
 gtttcttgcg tggggcatgc agaagttgat ggaataatag ttccattaca aaatagttgt 129840
 gaaaatggct gaataatatt agagtcctct atttctgttt tatttgattt ttcattggaa 129900
 aaactgttta agtccgtatt ttcggtactt tcttctgttt tatgggtttgt tttgctgttg 129960
 ggggttgttt tagtgaaatt atcatagaat ttatctgata aacaatttcc ataattgctt 130020
 tcactgttgt tgggggattt gtattggcct tcttcagagc tactggaatc atgtatacaa 130080
 tgggtgcgtt ttgattttgg tgggtgtagat atcttttcat tgtcgggtga ggttttatat 130140
 tgttcatcag atgttttgcc gtgtaggtta tgtgagggat cagacttttt tgatgtattt 130200
 ttggcggctt tccctgaaac atttttaacg actacttccc taacgtcttg gtgtccgttg 130260
 gagtttgcaag tatttttttt agatgtcgta cgtccccgag aatgtttcat tttaggatca 130320
 ttagtgtctt ttgggtcatg atgttttttg taagagttat ctttggtcgg ggctcttgga 130380
 gcatgttttg atatgagaac tctgtcttgt agagaagttt ttgatcgggtg tatatttttt 130440
 tttgtgtggt ggagttccga gttagaatga attttagttt tatgaaccgc aaagtttaag 130500
 gtgggctcag gtgtcatcgg aagaggagat agcaggggat ctaattttga aaaatcccta 130560
 gcttcagtaa cggcttcac ttcattgctga ttagattttc tctgtttaag atcagaacgc 130620
 gatggaacat ggttttcatt atgtttttgt actttatgtt tgtttattgt ttgagaactg 130680
 tgtccttttg tcttttggt tgatctacaa cggatatgtg tttttttgta cttctgagta 130740
 tccacgccac aatttgagcc attgtctatt agtgcttctc tcggtaacgg gataacttca 130800
 gtgtcatata tttttttaat gagatccatt ttttgggaac taggtctgta tgataaactg 130860
 attgcgtcag gagacgttga aacttgctgt tttttgtgtt ctttgttatc cttagcattc 130920
 tcatgttctt tagttttcgt agtttctggt gttgtctgtg attttgttgg ataattgtga 130980
 ttgtcagatt gtacgtatgt ggggtctgtt gttattgaag tttgtgaaaa tgccatgcta 131040
 tagtcttggg cttgaaaatt gaagttgggt gttagttgtg taacatcttt atagttattc 131100
 atacggagat ctggattata ttgttcatag tttggatgca tgtattgttg atatgataaa 131160
 tctgcggatc tgtttgagaa atcgtgtagt ctgtggcctc ttccgcgtct gttataactt 131220

ctgggaaaaa atcttccata tggctgttga tacttttgagt ttggattgaa gtaattacga 131280
ctatcgtatt ttccctttcc tcctctgggt ctatgggaat gatgtctaaa gttagagtca 131340
tatectctat cggtatttct agattctctg taggaactct ctatactcct gtatgcatca 131400
taattagggt gatacggcaa cgaggtgaaa ttgcactgtg aatttgtagt ttggttctgt 131460
gatgcgtaca tgggctgtag gacttgatct ggcagttcgg aagcaaacg catatggatc 131520
gaattgtttc cgtttgatgg tagattggaa gcagaggatg tgcattgtct gtggatctga 131580
gctgctctcc gtggatcctg gggagttctt gaattttttc tggaatcttg agaagatatg 131640
ggatcttgat gcgtattctc actcaatggg tgtctatgtg tgacgtccgc atcatgggat 131700
agtcgggata atttcatggc ttggtggaca acgtcgttat gagcatttgc ttgtttggat 131760
ttttgttctg gaaaacatgt ttataaaatt caagcttaat agatagtatt tttccgtcga 131820
ttagtgatac gcttaatgta ttaataaat tatggataat cattttgatt atgatacatc 131880
ccgtgcagag aatgatgttt atacagattg tgcgtagtat gcaaatgaaa gttattccat 131940
cgttttgtaa tatgaaaagt ttcaaata gtaaagaaaa gtacatatac gttttcaagg 132000
tgtgttctaa taaaatgatg aataaaatag tagttttcta tagaacgtat tatagacttt 132060
tattgcataa taatcattga gtaaatacgt ggagacatta aatttgatt ttgtttttta 132120
gattgttgag ctatatagat aaatttgat gataaagacg ttatagtttg tagtgaaatt 132180
cactaaatcg ttttaagctt ttatatttat caattaagta gtaactttcc gtggaaatgt 132240
cgcagaagcg gaataatgca ttactaatt ggaaaagatg taggagagtg gtaaaagcct 132300
attggtttct taaggatgta tatcgtgcga tgtgttatta actagttaga tgtggattac 132360
taataatggg gggggggaat tattegcata acatgcaatt aaaattcaat tcaaaattta 132420
tgaaattgac attatttgga gaaattttat gggacgcatg atttatataa ttgatctatt 132480
aacaggccaa gcgacgggat ttagtgagca tgatattaaa tcttttcatt cagtagttga 132540
agttattttc gtggttgatt acatttttga ataattaatg gtatataatt aataataagt 132600
agggctaata gtacaattta ttatcactat tcttatgcga tgagttcaag ttcgggcgct 132660
gaaaaattac gtgtaatgaa cacttttttt agagaactta tgttattaga gaatttatgt 132720

taattagtag ttcaataata gaatttatga tttatcaatc acgtgatatg ccatatattt 132780
 ggaaatcgcg tgtaatagta tattaggtgt catatattaa tttcatttaa aactaggatg 132840
 atcattaaca taaattatat ataatacctg atgaagttaa tggcaattga attggatggt 132900
 atattaattt atatttactt atttgcatta gattatatta taataaaatt gttttaatgt 132960
 taaaaattta aattattgat gcattcatta ttgacgtgca gtaaatccag tataatgggt 133020
 aaaagtgaga tttattgaag gggggggggg aaatgtataa tatccatgtt tttaagatat 133080
 ggtaatattt atcaattatc taattgtcta attctgttgg ttgtctacag ggaacctata 133140
 gatataattca ggaataattg gagttgaaat tgetgaagtt tgtgactacc aaagggttaa 133200
 tatgcataat caaatagata ctgatgctac cgtggggatg gatatgattt gataattaga 133260
 atacaattat atattattta ttatgtatta tggagatgac ataatttaat ataatacaat 133320
 atatgataat ttaaagttaa tagtagacta gttttattat gtttctaag tgatagcgcc 133380
 ctccgctgtt caggtaaatt atatgatatt gaatgttttg agtagaatag tttgattatg 133440
 tttatgatgt gatagcgccc tccgctgttc aggtaaatta tatgatattg aaagttttga 133500
 gtagactagt tgcattatgt ttctgttgtg atagcgccct tgcgtgttca agtaaattat 133560
 atgatattga aagttttgag ttgactagtt tgattatggt tctgatgtga tagcgccctc 133620
 cgctgttgag gtaaattata tgatattgaa agttttgaat agactagttt gattatgttt 133680
 ctgatgtgat agcgccctcc gctgttcagg tcaaaattta aggggtggtaa atagacattt 133740
 ttaaaatatt ttaaacctaa ataatttcatt ctattgtgct ttttggttaag atgctgagtt 133800
 tgtgtgtttg tgtgtgttgt gtttgtgtgt gttgtgtttg tgtgttgtgt ttgtgtgttg 133860
 tgtttgtgtg ttgtgtttgt gtgtgtgaga gagaaagaga tagagagaga tagatatatg 133920
 gggggggggg gggaatatat aaatatagta attttgaatc tgtgtttcca aaattgggaa 133980
 ttatgcgtag catcccactt tcaaagtgat ttcagttaat aagatgttgg attaaagatg 134040
 gatttggtat tttagattta tactttcaag tgtttggtgg aaaacagata gaacaatgga 134100
 acgttgtctc tgaaaaaaaa aactagtagt gtgacattta ggaaatgtgg tttggatact 134160
 ttcatcgtgt aaaaagtcaa aagggtgaaa atgttttttt tttttttcat gaataggagc 134220

tattatgtga atgttgaaca aaaacagatt aaatagacct gaaaggataa tattgtgtag 134280
agtgtctacgg tctagctaca actaatgtaa tacatTTTTT agcagtacta tgatttataa 134340
aattaagatg tccccggggc attagtctta ataaactggg ttagtttgga aaagagaaaag 134400
tgaaaatctg aatacttggc atctgtataa ggTTTTTcaa gaatacaatt gtttatagta 134460
tcacatcttc aagaaagctg gaattaactt atggaaatat tgtatgatga cttataagtc 134520
agtttatgta catgacttgg aattaaag agaaagcaat gtctgtatga ctttttatta 134580
tttgtaagggt gatattgaaa ataaattcct ttgagaaatc acatgtttgc tgaggtttta 134640
cataatagaa aaagttacat ttgcttatgt aatttctaata ctatagcaac ataaagagtt 134700
acacagtatg ggaaaagtat gtattttaca acaatataag catatttaca taatacacat 134760
ctgtatgcta atgattgcta atcaatttac atcttggtt catctagcta ataaatttga 134820
gcattttctt cgaatggatc ataatcagag ggatagccat ctaatttaaa gacttccatt 134880
ttatcactgt tgcaatcact tctaattgga catttttcat tatcattact tgtaccttc 134940
atacatctgt tctcatcatt gtgacatgtt gtgtcattga taatatttag tatgggggag 135000
ttatttctctg ttccctgagg gtcaaataat tgagtttcgg ctgttacaag actttgggaa 135060
ttgtcacat tttaaatttt ctcacatgca gtagaggatga taacagtata ttactggaa 135120
agatcttggc aatgtttgtc tatgccgtgt ttaatgatat cagttagatc cataaaattt 135180
tccatgacca tttctgtgat aagtttcttg gttgggtgta tgactcccaa gtctgttttg 135240
ctatcctgta ttttactata agtatatgag acattatcct tattatatc ttcacatcc 135300
attttaatgg ggacaaagt attgatgaag cagtgattgg cttctgtccc atcactgtca 135360
ttttttacat tcatttttgc agaactgtgt ataacacaat tgtctacttt gtgagttttc 135420
ctcagaaacc acaaccaatt ttttttggga acaaatttgt ttctgatatc atgggtaccc 135480
ggcattgacc ttattgggat ggtaaact ggggatacaa aacctttact ttacaatga 135540
ccattattga tcactttatc ataatcactc aaatgtaagt aattatcttc agatgtacag 135600
tcactgtact cgctgctga ttcagaatta ggttctgatt taatagtttt ttttaagatt 135660
gagctatcaa tattattgtt accatcctct tcactttcac tctctgaact tataacaatt 135720

acgtttgtgg tttcaggtaa cttatctatc ttaatctttt tagatttgga tggtttaatt 135780
 ggaacatttt tccttttagc tgtcctcttt ttagatttgc atttctgagt cacaggcaca 135840
 attttctcag ttttgtcatt ttccttagaa ggagtgcact ctgggtggtga atatagagac 135900
 ttgctaaatg gtgtattctc attagtgtta ttcatatgaa tgttattagt tctgacagtt 135960
 gaatcacagt ctgcaatgta atcagtttca tcattgttat cgctttcact ctcataaggt 136020
 gctgagtgat cagtttcata accaaatgtt atcatttctg atattaaagg gttgtcatgg 136080
 aaaccatcac atagattcac tagactttct acagctccca attctttgtc tattttactt 136140
 tctggattta aagtatcctg aattgcatca tgacttttga caggagttgc tgagtcggta 136200
 aaggtcatac aaggaagcgt ttcggtacac ttggagttag aacctttttc ctgaatcctt 136260
 tcttttgtct gtgacctttg atcggggctg taagccaaaa tgtcttggtg ttcagacccg 136320
 gtctctacaa ctactgagtc gggttgagtt tcaagtagtt tttctatcaa gacgtgttta 136380
 caactttcaa ggccagtaat ggatttaaag ttattagggc cgcccagatc tgtcactgag 136440
 gctgtacata cacagttagg gcttgtttgt tttttcccta tctgtctgct attttcaatg 136500
 aatgtttttg cctcttttga tttccctggc acatctggag aaggagtatc tggatacatt 136560
 ttttctacat ctttttcatg tatgtttgta agtttttgtc tagttgggga ttcattgttc 136620
 tttgatgggg tgggagtatt attatcagta ggagattgta cttccatgta ttttaaatat 136680
 tctacattgt catcatcttc atggatagat tcgatagaag attcctctga atattttcca 136740
 tgttcatcaa attcagctaa ctctaatagt attgattctg aagggtctat gtttaaataca 136800
 cagatggaag actctctatc tttatttata gcaatgtagc cttccattat atcagaggaa 136860
 gttaaagggt taatcaaacc agtatcatca taaactgttt ctaagtattc acatgcgtgg 136920
 gtgatcatat tcattatggt aattttaaac tgggtgtctgt gaggtttgag gtattgccat 136980
 gaaaattcac tgctgcatag aacaatactt tggagaacag cagtgcataat atttttggcg 137040
 gcagtaatta aatttttaca attcacatga attttaagga atgttctatc acagttatcc 137100
 ataaagattt gattcatctg cttattagca aattcctgaa acattttcat atttttaaca 137160
 tggttttcta ttatctcatt tctactttcc agtagttcct gtttaagtaa atttactcgc 137220

ccacaaaaat ccttattgga gatgtcagga ttggacatct ctttgttggtg tgccatcaac 137280
aacaatgagg tggaaccat gttcaatctt tcacaatcta atgccacata agctttggaa 137340
aaaatgtttt tgatggctat aacaaattga ttgttcatat tagctttcaa atccatgagc 137400
aaatctctgg attctgatgc catctttttc actaacccat caaatctatc acatgcaaaa 137460
acaatgaatc gcggttcgca ccaattaaaa aaatccaagt tttttccaga taacatctttt 137520
gcataacttg aaacaaatct agatgaaaca ctacttagta aattaatatt tatcaactgt 137580
cctaattggt ctaataccag cccctccaac atggatctgt gcagcgtaa taagccagcg 137640
gagttaatta aatcgtcttc catgttagac agttcctgtt tcatggcagc cttcactgat 137700
gcaccaatac tttggatgca agtgccaacg gactgagcta ggatgtaaaa gaagatattc 137760
taagtatgct atatgttaca tgcttaaaac tatgtttttt tcttgttttc tatcttggga 137820
catataatat ataattcatg tactcaccaa ccaaagtttt gaattcttca gatgctcctt 137880
cttcacatt actggaatag gacacattct tggaagcgat gtcgttgga gactctggga 137940
tgaaaagatc aaaggcttcc agttctggaa aaagcaggct ttcaaaggac acatcacact 138000
tgagactctc ttccaatatt tctttgatgg attcttccac cactggatcg ggatggtagc 138060
tgtaagtatg gatatttctt agtacttaga aaaactccca tatagtttta aataagatag 138120
atctaataag gactaatcat acttactttt gcatacgttc ctcatgtgat tccatgttgt 138180
ttccagaggg ttttccgaga atgaacatag aagtaggggt tgtatctttt gctgactcca 138240
ttgtatatta agatgcaa atcagacaccg cctactgttc tgtagccaa tgaaaaaata 138300
tcttctgtca gcagatataa tactatataa ggagattacc accacctctt tctttgcaga 138360
gattattctc tgcttgaaaa tctgtaacac tgatcatgat gggatatgaa gaaaaagtgt 138420
cagctactgg aaagactcgt ttaaagatac tggcatgtct gatcgtttta atactagctg 138480
cggcaataac tatgttaacg ctggaaatta tatcgaacca aaaacgtacc actactgatc 138540
tcgaagctgt gactgtggcg ctgaagcatg taagcacatc tcttgccagc tgcactgaat 138600
ccactacttc tgtacatacc ggtagtgaa agatatgtct tttttatgtt aatgtattga 138660
ttatatattt gcatacattc cttaagaatg gaaaaatcac ggatggtttg tttttagatt 138720

ctgtgacgag ccaaccacg aaaaacaaag aatcgaggaa aaaaattgaa gggaaatctc 138780
 caagttgggt tcaggcttta actacagcat ctggaattat cctactgttt tgtataatga 138840
 tgatattcat tacatgttcc tggaccacag aaaaagatac agagaagagt gaagtgcaat 138900
 cttatgcttc ttcagtagag actttagact ctttaaataa ggctattata ccgaaaactg 138960
 aaatgaatgt gtaatgtctg tatttttctt tacagagatg tacggagagt ttatatattg 139020
 ggaaaatacc tgactgttct gcctatatgc gaatgttaaa gtatgtataa tataaattct 139080
 taccttttaa gagtgattca aggtggaggt ttctttggag attgattcca ggtggtggtt 139140
 tcgggtgcaa tcaatctttc ttctgggcgg gaagaaaatc cagcaatcca ataattgatg 139200
 ggatgtaatc aatgtcacia atctgtaaga ttaaattgtg acagtataaa ttctttcgtg 139260
 cttatcaaata tacaattatg cgcataaaaa tatcattaaa ttgttttaaa cattcttaaa 139320
 ttcaatttaa aataattttt gtagcaattt taaatattaa tagttaaaaa attgacttac 139380
 cagactgcag cgatataaga aagaatctct gtgatgagaa tgttctcgg agccacttct 139440
 tgagaaaagt ggcactgaac tggctgtaac ttctgcttat atacaattct atagcgggtg 139500
 tgatgtacag gaaaatgacg aggatgaagg agccaatcgc tgtataatgt taaaccgcaa 139560
 gtgtagaaat acacccttt tagacaaata tggaatggaa attagctgat gcttacaaaa 139620
 atttaggggt ttgtcatatc ttactcaaaa acaggaattt gtggtctgga ttttttgagg 139680
 ttttcttctt atggctgact tgtatttttt tatgagaaaag acggagtttg cggttgaagg 139740
 cgggataata aagaacactt tactgataaa ttgtcatgtt ttttttttaa aaacatctgc 139800
 tacacatcat gaaacaggaa tgtggttttg gtgttagcgc ttctcacgaa ataaatgact 139860
 tagtcagggg aaaatgttgt aaccgcggta cacactgacc tttaacttta tgagaaaaaac 139920
 aggaactgcg gttgctctgt tagcagattt tagggttctc gttagcctgg gtaggaaaga 139980
 ccccaaccac agtaccact aacctttaac ttaatgagaa aaacaggaa tcggttgctt 140040
 cgtagcagt ttttagagtt ttaattcgca tgaacaggaa agacttcaac cgcaatatct 140100
 gctaattttt aactttataa gaaaaacagg aactgcgggt gccgcgttac gagcttttag 140160
 agttctcatt cgctgggca ggaaatactt caaccgcggt acccgctgat ctttaaattt 140220

atgagaaaaa caggaactgc gattgccgcg ttacgagctt ttagagttct cattcgcctg 140280
gacaggaaat acttcaaccg cgttaccgcg tgatctttaa ctttatggga aaaacaggaa 140340
ctcggttgcc gcgttacgag cttttagagt tctcattcgc ctgggcagga aatacttcaa 140400
ccgcgggtacc cgctgatctt taactttatg agaaaaacag gaactgcggt tgccgcgtta 140460
cgagattttg aagttctcat ccttattagc aggaaagatt tcaaccgcg taccactaa 140520
cctttaattt tatgagaaaa actggaactg cggttgctcc gttagcagat tttagggttc 140580
tcgttagcct aggtaggaaa gacccaacc gcggtacca ctgatcttta actttatgag 140640
aaaaacagaa attgcggttt ccccatag cagattttga agttctcatc cttattagca 140700
ggaaagattt caaccgcggt accactaac ctttaacttt atgagaaaaa caggaactgc 140760
ggttgctccg ttagcagggt ttagggttct cgtagcctg ggtaggaaag accccaaccg 140820
cagtaccac taacctttaa ctttatgaga aaaacaggaa ctcggttgct ccgtagcag 140880
gttttaggggt tctcgttagc ctgggtaaga aagacccaa ccgcagtacc cactaacctt 140940
taactttatg agaaaaacag gaactgcggt tgctccgtta gcaggtttta gggttctcgt 141000
tagcctgggt aagaaagacc ccaaccgcag taccactaa ctttaactt tatgagaaaa 141060
acaggaaactg cggttgctcc gttagcagggt tttagagttt taattcgc atcaggaaa 141120
gacttcaacc gcggtacca ctaaccttta actttatgag aaaaacagga attgcggttg 141180
ctccgttagc agattttagg gttctcgta gcctgggtag gaaagacccc aaccgcagta 141240
cccactaacc tttaacttta tgagaaaaac agaaactgcg gttgctccgt tagcagcttt 141300
tagagtttta attcgcata acaggaaaga cttcaaccgc ggtaccgcgt gatctttaac 141360
tttctgagaa aaacaggaa tgcggttgcc gcgttacgag acttttgaag ttctcatcct 141420
tattagcagg aaagatttaa accgcagtac cactaacct ttaagtttat gaggaaaaac 141480
aggaactgcg gttgctttgt tagcatctt tagagttctc attcgattg gcaggaaata 141540
cttcaaccgc ggtaccact gatctttaac tttatgaaga aaaacaggaa ctttggtgct 141600
ttgtagcag attttaaagt tctcatctc attatcagga aagacttcaa ccgcagttcc 141660
cactgacctt taagtttatg aggaaaaaca ggaaatgcggt ttgctttgtt aacagctttt 141720

agagttctca tccgtatggg caaaaaaat ttcaaccgcg gtaccactg atcttttagct 141780
 ttatcagaaa aaacagaaac tgcggttgcc ccattagcgg attttagggt cctcaccac 141840
 ttgagtagga aagaccctaa ccgcggcacc cactgacctt taactgtatg aagagaaaca 141900
 gaaactgcgg ttgcccagtt agcaattttt aaggttctca cccgcttggg taggaaagac 141960
 cctaaccgcg gcaccactg acctttaact ttatgaggag aaacagaaac tgcggttgcc 142020
 ccgttagtaa tttttaaggt tctcaccgc ttgggtagga aagaccctaa ccgcggcacc 142080
 cactgacctt taactttttg atgaaaaaca gaagctgcgg ttgcccgtt agcaattttt 142140
 aaggttctca cccgcttggg taggaaagac cctaaccgcg gcaccactg acctttaact 142200
 ttttgatgaa aaacagaagc tgcggttgcc ccgttagcaa tttttaaggt tctcaccgc 142260
 ttgggtagga aagaccctaa ccgcggcacc cactgacatt taaatttatg gaaaaacaaa 142320
 cttttttgtt catcatgcac ttttttatat atcattatat ctctatccaa tcagcactct 142380
 tgagggtgca tacattaagg cagtgttgat tttttttcat tgtaccact tacgaataac 142440
 gaatcaaaag ccgtgaagta gaatatttta atgatgtatt aatcatcatt tcctaccacg 142500
 cctattaact tcagtattta taggataggc aatttgccgc tatacgccat tagctgttct 142560
 tctgctagct tggacacagc ggtacagggt gagttatcag cgtcttataa tgtgatgtct 142620
 ttttttttat tttcttgctg gtattttaaa agtagtctgt taagatgttt ttaaatagat 142680
 agttataaaa tttttggaac cgtgtagtca ataaaacaat ttatagaacg gtttctggcc 142740
 cagaacagaa attgatttat gtcgtctttc tgaattacag gaaaattgcg aggataact 142800
 ttatcaaag taaaattata taccctctgt gatagattta ttttgtggat atttgaatgt 142860
 accatcgagc gtatatcaac gcaagatgtg gctatgatgg gacacggtcc tatctgtacg 142920
 tggtcgtttt cattaattgg gaatattatt ttttgacccc caaggaggga ttttataata 142980
 ttaaaatttt caaagttgat acttatgtct ttccaccaca agactaaaac ctgtccgtaa 143040
 gctcttaaat ttttagtatt caaagatccg tgtaatatc catgtaacgg gatattttca 143100
 agaatggctc ccgttaacat cgattttcca catccgggtg gaccaataaa actaacggtg 143160
 ttttttttcc ctcttctgtg gcttagccac tgatataata tggttcctgc taatataggg 143220

tcaaaagact gcagacagaa caactggtaa accggggttt catagatttc aaagtcagtg 143280
tctatgtgcg ctataaaatc gatagctttt ctagttgctc ttattctttt tttagatata 143340
gatagagccc tatggattag cacgtccccg tgtgttagtg tcaataattg catgtatgat 143400
ctaacgtctc ttcgtatcca cgcgtcttcc gtgactattc caagatcaga cagccattcg 143460
atgggtccca gaaatttaga ttttaaagat attctgttgg tcccatcctt tggaaacagc 143520
ataagtttaa cattaggttt tttattgaaa tgggatatga tgtgttttcg atgtatttca 143580
tcgcat'acgt ctcccagttc gttaatatatt gtccatgccc attggaactg tggctctaata 143640
atttgaagaa gggcaaagg gatataactt agactgaaga cctgtgttcc gccaccattt 143700
ttctttgttt tggcat'acgt gcaccaatca tctatttttag gggcgttccc gtcgaagaaa 143760
tctttaatta atacaccctt gatttccgtt gtgtgttttc ctatcgttgc ggtgggaatt 143820
ccatctaaag ctatcaataa tgttaaggag ggtctgccag ctttattctc cgcttgagcg 143880
taccactttg caggggtggg gacggcagtt ttattattcc agtaattgag tatgacatcg 143940
atcatttttg tacatgcagt tatccattta atatcgggcg ctcccgtga gtgcatatct 144000
ctaaaatgtg gcacgggcac gttagagaat ttacaaaaaa aatccgtaga tattccaggg 144060
atttctgcct cccactccac ggggcctttg atagtcaaca tgatatattt gtcttttagtc 144120
caaaaatcat cacttggatt tattatggaa aacataccgt ttgtgccttc caagattttt 144180
atagttgtat acggaaaata aggtaattcc cctggcttgt cacctctaga tgtcttcaaa 144240
tctggaagat ttgttatggc aacaaattct cagtatggat ccggcggaac ttctgtcgga 144300
caatgcaatc tcgtccacgt gtgacgaaaa catcgagct ggacatcatt ttacgcaacc 144360
tccgcacgtt gaaatgtcag tccaatcaac gacatcggcg ggtcactatg gagtgatgac 144420
gacacagtcg cagttttcca atggcgtagc ggatcaaaac cgcgaatcac tgtcgactct 144480
gacgggcctc tcgctggaaa gcatcaacaa tcaaatcaat gttcaacca ctcagatgac 144540
ctttcaaccc atttccccgc cgatgcaggg tcagaattat gtctatagca ataatatgat 144600
caatcccatc aaacctagat caattatcaa atcacatggg cattcgatgg gggagatgtc 144660
atttgcagac cattccttgt atgttaatgc tcaaccgcct gtccaacagc ctcaacttaa 144720

atcccttgta ggtatgcac catgcatgac cgctacctca cagggtaaat atgagacaaa 144780
taaaactgtg gggccaccct ctatttcagc ttcccaaatt actacgggaa atgccggtat 144840
aagaccggg gaatatcagt ctgtccataa tcaatcttct ggaaacgggt ctaagtctta 144900
tgagatcacc acggcatccg gcgatgaatg gatactgact acaccggcg ggcaatcctg 144960
gactctgaaa cggaaccccc ctaatcctcc gaataacaga actaattcag ttgtcaacaa 145020
ggcacaacag gtctcgcacg cccaacctta tgtctctggg tctagcgacg gtttctatca 145080
gggggctgct ctccaatcat gtgcgtatgt aaatacgcca ggtttcactc ctgtgtgcga 145140
aacacagaat atgaacaact cacaggcgac acaactaagc gcatccatga actgcataaa 145200
tgcgttatca actactatgg atgcgattgt cacttctact tccaagccgg tgggggtggt 145260
atcaaataat cggggtgcta attttggaat gggagggcatg gagaattata tggataataa 145320
cagtccatgg aaccaatact gtaaagttca agacattgta tctcaaaact gctcccaggg 145380
aaaagttggt tcttcgacac cgggaatcgc tcctaactctg atgaagggca acggggtgaa 145440
tgtttatggc catgtggggg gtgtagatgc ggccatttcc gataaacaag gtggcaccgc 145500
taacgtcgca tcttctctat tgaatccgga acatcaagat tggatgcggg tgaccgggac 145560
gagcacaaat ctgttaaaca atataaatgc tgaaacaaaa atggagaact atggttttcc 145620
ggaaaatggg aatgtccacg gagccgtcaa tacagcttta ccactaactc tatccagtgg 145680
tcagccctac acatctgtgc cacaacatgg cgcattgtgaa ggaaatggaa caattcccgt 145740
ggtacagatc tgcagtccca atacggcggt caaagcgac tacagtttgc tcggtacagt 145800
ggatgaaaac aacccttgt ccgtcagaga gagcatacag gacacaagtt ttagtaatgg 145860
atgtgtcct cagttgtcct cgctggagg aaaccgaca ataattgcac attcaatgat 145920
tggaataac ggaacccga ataaagatgt atgcaagcct acccccagcc tacgtgcaat 145980
aaaaaatta aactttgact atgatgaccg aggggaaaat ataggatttc cttccaaact 146040
ggcagccctt ctgtctatgg gagaaaacat gtcaaagatg gacaatcctt gttatggaac 146100
ttctctagcg cagttcgagg aatcacatca gcagaatgca tcggagggta aaatatccat 146160
tgcggattta gagttttctg aagaagatga tgtgctttcc agtgcagcct ctgtcagctg 146220

taatgacaac tgcgtcatga agatcggact tcagcagcaa ggtaccactg tggctgattt 146280
 acaacaaggg ttttaagcaac aaatgaacgg agaattctcc atgtttgcag tggacgagaa 146340
 cattaaaaca caggagatgt cgaatgactg cgcgacaaac gtcacggata atgtatgcgc 146400
 cattcgacaa aataaacgta tgcactgtga aattgggatt tcagaggatg gccgggtgcg 146460
 ggaagaggag aagtgtcag acgtcgcaat tcacgttccg cggaaaagtg cgcgtattca 146520
 taacatgaag tccgaaggcg tgacttgcgg tatgtgtgtg acggctgcgg attccacacg 146580
 gcaggatgcg tctggagggt. cgagcagcgg aaccaagaaa ggcgaaaagt tgcaaggact 146640
 ttggaaggga taccaggatg acgacgattc ggaattaacc gaactgtcgg atacagacag 146700
 cgacaacgat gtccaaaact gtcacggagt aagaaagacc ggttccaaga cgtactctc 146760
 agtatTTTTT aatcctgact atcgccaagc caagagattg cttgccgaca ttccatacag 146820
 aagatggatt ccggacacat tcaacatgga agaacacgag ggtccattcc ttccaatagt 146880
 gactagacca ccactgtgt ttattggcgg tagacgccgg aggacttacc tccggcgaag 146940
 tgtcacctct atcggtcctc tgagtaaatt aacttacttc aaagaattac tgcagagcta 147000
 cgtgttgaga aatagcaact gttatttaag tatcggttgg cctgccaaac acaggggtgta 147060
 tatcatgtca gaggagaaat tggggataa tcatatacct accttgaggg agatgtttcc 147120
 actgccaccc ggatggatga ttgtccttgg aattgtcggg tcagagacgc ccgcggctct 147180
 gtataaacac atggtgggtc tcctgtgtga aaataaatgg gtgcttctgc ataattaccg 147240
 ggactctaaa cacgagctgt atttcgccgc ctcggatttg aaacagttta tggaggaggg 147300
 tctgtctaga tgtgactgca tatattatga aaagtcagtg ccgtacggcg tggccatgga 147360
 agactctggt cgagagttct tgagaaacag taaaacgttt cagagtctta tggagtatag 147420
 gaagaatatg cacggattta cctggacctt taacggaatg cctggtagac tgggcgacag 147480
 agttatacat atctgcaatc ctgaattggg taactcaatc ccagcagacg aggccatcag 147540
 atatgaagga aaacctttgt atttctttgc atttgtcacc actttcaaata cacaccccg 147600
 tagcaaggcc aacgtattga tcgctgcgga taagaactta gggatatacg gctatcataa 147660
 aggtcgcccc aggatacggg acttgtgcaa gaacgtacag gcttttttta gagccggagt 147720

tagaaagatg tatttggatt atgagattcc atcgaaaacg ttgcttgccg tcagcaaaga 147780
tgactatctg tgtactctac aaaaagctcc ttgtctgctc ttaaaaccag ctgtgttttag 147840
aaagactttc tctcaggaag gtaaataaga attgctatgt caagagtttt ccttgacagt 147900
tcccaccctc tttttttaat taaaacagaa aggccattga ttccatccgc taagagattt 147960
actgtttctt tgacatttat cagagatacg taatactcgg tctactgtgt attgtgtacc 148020
ttgtaatctc taggtaaact tctgctattt ttaatgttga ttaattggac attgttgata 148080
ggtaaactgt tctttcaaaa tgaccagaga ttctatgtac taatctcttt gttttttttt 148140
tctgtgtatt gtgataggga aggtttgtaa ggacaaagga caaagttcag taagatttaa 148200
taaaataaca tgtgacacaa tttctgactc tccctttcag taattttttt attttaataa 148260
tgtccgttgc cataagggtga gggcaacgta gggctctgagg gataaaaaag taattcgttc 148320
atatgagtag tcggataaaa catttgtagt tttttttcta aaacataacg attatctcga 148380
tgacattcat accggaataa atccgatata aacgtttcca tctgcagata tcttggcccg 148440
tttttggtg ctgacatagc actttcgggt aaattttcta tcacagctct cccgtagtca 148500
cttaaaaaaa aaacaaaaaa aaagacatat gaaattttat agtaggccta cctgcaattt 148560
atataagtac ggatgaaaac aaagaaacaa acatagtga aataaaatga ttcgcatgtg 148620
aattaatacc taatgactag attgaaatcc atccatgtta cggaccaggg tctttggact 148680
tggctcttgca tagtatatac aattgttcta ttgtccgtga aaggctcgaca aaatttctgg 148740
cctgcatttt gaaacagact gaacaaatat caagttatag attaaccggc gatgtcctgt 148800
gttattacgc agactatacg cgtatacatc cacatacacg cacacacgag aaaatgggtg 148860
actaatcatt caagtttacc cgtggtgaca ttttccccga gtagatagaa cgacacttac 148920
atttcaccgt ctaggcaggt cggagtcgag gaagatacag aactcagtga attaagaacg 148980
acatagtgat cacagcacga agtaatcttc ggtaacgtgc taaaaaacgg tagcgcagcc 149040
actccaggat atgcatggaa atgtgttaaa atatacacag ccacgaaatg cataattatc 149100
tagcagcaat agtttggtat ttaaacaaatg tttttttatg ttcatttaaa tatagtatga 149160
atatttacia ctaaataatc aatcgactat acacatggtc gttaacgcac tattacatgt 149220

gttccaaaaa acagagggtt atcgggagtt atcggttatct acatcgataa agtgtacaag 149280
 tctacatgta aacatcacag gaaaatatag aagtccgagg ccgtgtacat ccaaacacgc 149340
 acaaataacg gtcagggttct cactgacagta ggttctgtag ctgccatttt gatgttctga 149400
 aagtatacat ctctcgggtt gtaaaatacg tgcccaccct cgcataaagc ttgtccgagg 149460
 tggtcatatc catatatattt tttttcgaac atattttgtt tactatatct cgcttgga 149520
 gtgaagatgt tgtaaccat cagtagtccc gcatttctga aacgttggtt tgaagttccg 149580
 gtctgtacaa agatggtgct gcggattaag aaaaactgca taaatataaa aaaaaactcg 149640
 ggaaaagtca tttgtttaat tatggccttt cgtcttctaa tccaaagaaa gtgaaattaa 149700
 acgtaaaaaa aaaactctac atacagattg atagtttaac agcgctcacc ataatgcggg 149760
 actcatatgg gtcggactgg ctatatcgta ttaataatta gtcgttgta gtttttctgg 149820
 caaagagtgc cacaatgcgc ttacgatggc cggatctatg ttgctgtgca taaccgaaaa 149880
 agcaaaaaaa aaaaaaaaaa taaatataac aggttactaa aaaaaattcg ttcttatcaa 149940
 tcccctatta tttaaactca ccgtatagat gttcctcgct gtccgaccag tgacaatatt 150000
 tgtgaggcaa gtcgcattcc gatggtttcc atcagttcct cagtttcgta cagtgcattt 150060
 ttaaacgctc tgtgagaaac acaagttaag aaatctcaaa tataaactct ttcaaacgat 150120
 acatcgaga tagtataaac tcgaactcac gttcaaagaa gagaaaataa gcttacttac 150180
 agtacggaag ataaataatt ctctgtgctg ttcttattca aacgtgaaca ccattcgtga 150240
 ccttgcaggg tttgaaatct gacaaaaaaa gcgaatttcc aaattagaat ttcagaattg 150300
 tgttccactg ctatatggca aaaccaataa aaaacataga tgtagttttt tttttaaaaa 150360
 attagcatga atcactcaca cgacgtagct atcgtttgga caatgattat cgtttatagg 150420
 gacgtatgcg tcaacgacgt cctgccacgg ttcgaaatac tcagtccgag tccatgagtt 150480
 agaagattgt aacgtaggac gatcatggtg cacgtctcgg ggaggacaac atgtgccatt 150540
 ggcggcaggt ttagacttca atatgtctc tatgctaacg gacgcgaagc gcgtgcaggt 150600
 ttcccaatct tgcccgtcgt tgtcttttcg aacgatcgca aacgaggtta acgttttgat 150660
 agtctgtccg ccatgggttt gtatcttcaa gagttcgata ttgacgatca gttcgctgga 150720

ttttgagtgg atgaatacat gtgtgccgca caaagaggca agatacaagg aacgagaaaa 150780
 aattttcttg ttacgaagct tccagcccca tagtttctgc tctgaaagga tgtaggtatg 150840
 cgtgtggggg tgacacgtat gcgcgtacat ggggtgtggc tgtcttctaa gaggggggtg 150900
 agtggagggt ggaggagaag tgctgcgaca tttttagagt gacaggtgca tccgagggcg 150960
 gggcgggggt tataaatggg actcttttta gtgaattcgg gatatttata cggcggggat 151020
 cttacgcttt tctatgtgaa taaatacaca atgcatgcct ttccttgctg ataaaggaga 151080
 cgtggcggga aggcacaaaa acttgtaaca gtactcacca tcgagccttt tccagtctgt 151140
 agttttggcg tagctccaat ttactagtca ttggacaaaa agctatcgcc gtcacgcgg 151200
 ttagtggttt caggcgtcc atataggcca aactattata gttgctcccg aaagcgccat 151260
 atagcagaga gaagtgaagg ccgaggccgc tagagagaat ctgtgataga cccataggca 151320
 ttaatctgtt tttcaaattt ctcactcctc tgctttcggc cgagagagga acgcagatta 151380
 tgatatctcc gaacatgatg ctgcggggaa ttaactatga ttattatata ttcatttatt 151440
 tgttatctcg gcggattccg acatcgggtg ccgggagaat gagcgcgtgg caaataaaca 151500
 agacgaaata aaataaaacg ctagatcctt accgtgcctc tgtctctatg agacaaccgc 151560
 agctgttata atcgcaaata gcgtagttca ggaggtcttc tatactcttct aaggtagtag 151620
 ttggggata atctacggg acaaaaactt taaggcctcc tagacgtgac atttcggagg 151680
 tagaaaattt agagatgatt tcgggtagcg ttcgtcttct gggcgtagga tttgtaccgt 151740
 cgtaaatgtt aaaataaatg ctgtcgtcat agtatcttgc ggtatagttg tcttcgctgt 151800
 ccggcggcgg tgtggattcc acggttcccg catctcggta gaccgtagca ttcgacaggg 151860
 ctgtcgccat ggaaatcgcg cacacgagta tcggcgcaga acatctcggc ggtctcatag 151920
 cgcttagcgt tgcggtcgcc gttctcgcgc ttagtcttgc gaaaatgcgt atccgcggga 151980
 ggaagaggac agaaaggaag atggtgtag ataagatcta caggaggaga aacgggagac 152040
 aaatcctacg aggacgggag agcataatag agcggtttgc atccgggaac attcgcgtga 152100
 atgtaaagcc acaagaaatt aatgcaacta gagacttccc aaagatgata tatggctaac 152160
 gagcaacgtc tggcgcgttc acactcgttt accgtgtgtg actgagacac gtagtcttca 152220

atctctgcct tgtaaaatca tacgtgggtg gaaagatcgt gcggtgtatc gtcgtcgggg 152280
agcgactcgc gagataagtc tggggcgatc atttttatct gcgacgatat aaaacggggg 152340
gggggggtggt atgaatcgat aacgaggaag aaatacatct gatcgtcatt tggcgatcag 152400
tagtttgctg gtgatttctt ccgtaaccgg cgtgtgtgta gacttttagtt ttggtggtca 152460
gatattaagt cttgatcaca cgcgtaccgg cgcgtttgta gcggcttctc ggggtgtctta 152520
ttttacccc gcagctgaac cgcactccgg tcgggccact tcttttcata caggcgttgt 152580
ctgtctgctc cggggagctg ggctgcgctc gggccgggac acttattccc atacaggcgc 152640
tgctttctct gctttgggag gtcggactgc gtcggggccg ggatacttat tcccatacag 152700
gcgctgcttt ctctgcatcg ggaagtcgga ctgcgcccgg gccgggacac ttattcccat 152760
acaggcgctg ccttctctgc tttgggaggt cggactgcgc tcgggccggg acacttattc 152820
ccatacaggc gctgctttct ctgcatcggg aagccggact gcgctcgggc cgggacactt 152880
attcccatac aggcgctgcc ttctctgctt tgggaggtcg gactgcgctc gggccgggac 152940
acttattccc atacaggcgc tgctttctct gcacgggaa gccggactgc gtcggggccg 153000
ggacactttt ttgtgcgata ctgttgctct ggaagacaga taccctcgcg tttcaaaaat 153060
tactttaaac tccccggggg ggttaaaaaa aggggggtat taaccctaac cctaacccta 153120
ggcctaacc taaccctaac cctaggtcta accctaacc taaccctaac cctaggtcta 153180
accctaacc taaccctaac cctaggtcta accctaacc taaccctaac cctaggcta 153240
accctaacc taaccctaac cctaggtcta accgtaacc taaccctagg tctaaccata 153300
gccctaacca tagcctaac catagccta accataacc taaccatagc cctaaccata 153360
gccctaacca tagcactaac catagccta accctagccc taaccatagc cctaaccata 153420
atcctcgcat ctggccctaa cactaccct ctttcaacca ctcaccatca cccacccgc 153480
tgcccccccc cacacacaca cacacacaca cacaccgcca ccgctaccac cacctctgaa 153540
cttcaccttt tccctccatc tcgccccact tctctctaca cttctccgcc cctctattct 153600
tactcctggt ttctaggatg ccgctgccgg cgcgtgtcag ccacgccctg catcgctctc 153660
cgctgtccca ctattggtgg ctactgttgg gtcgacactc ccttcgcat gtccattcct 153720

accttcgcct gcacaaaggt ctacgccttc ctttaccttg gcccgagcaa gaatgcctgc 153780
 atttacatcc taagccttac aagtttctcc tgcgttacct ttgtctaaca agacaaccgc 153840
 atctttcttca gggctggccc gcggattctt ctctatgtga gtgacattta cacttccact 153900
 tggtcacatg atttattgtg ttttgtctgc tacaccaagc acatttcggt ttctctttta 153960
 tacatttgtc tctattctct cggctctcagg gttcgaccct aaaccctacc atcttcggcc 154020
 gacagcaagt tgctaccgct gggcctgac acgctgtccg ccttttccat gcgcgtttct 154080
 gagccgacac actgcagcgg cttccacgcg gcacatccgt ctctcagttg gttaacggga 154140
 tcgtccccct ggctcgtgct cctacaagcg ccaggagggt ctctgttctg ccacgacgtg 154200
 ttccaaggcc gactctatct cctgtcgcac tccgtgtcgc tctttctaaa gacgggcctt 154260
 cgccagtgtg aggccatcta tcgcgaccg ctgtggcgcg tacggcccct gccgagccta 154320
 tggacgtgtc gagatcccga cacggccttc ttgccgaaat tactggcgag aaccgcccga 154380
 cgcggcctgg ccgctttcta tgccctgtgg agactgcac tgggatcccg ctcgagctc 154440
 tctcaccctg tggtggagtg ggagagaaca gagctggtcc tgacggatcg gagacgcagg 154500
 tggcctgtga cgcacctcct gtccggctcg gagttccagc gcgtttcctc gagtgacgcc 154560
 ggagacacat ggaacgcagc gacagagaag gcggcggggg gaaaagagga ggcggagaga 154620
 ggcgggcgac agcaagccac tgacagactc gcaagtccgc acctgacgcg gggcctccgc 154680
 gactccggtc ggtcccttca gggtgaggag ccagcgccg cggaagactt tgcgaggtgc 154740
 agaccgctgc tggacgaact gtgcggggag ggcggctggc ttccctttgc gtttctcacg 154800
 gcatctccgc acgtctgtct gatcctaacg gagggaggcc ccgtcctggc gcttgacctg 154860
 aacgacacct ccctgtggcg catcgcgac gacttgagc tgctgctgcg cctggggagc 154920
 ctgctcctgc tctcagggt ccggttcct ctccgtcccc cgagcgggag cggcgaggcg 154980
 gcgagaaagc cggggtacga gaaggaagag ggaagaggga gagcggcgac ggcgagcgcg 155040
 acggccgcga cgtcgccgcg cagaccgacc cgtccgaggg gggtgacgga gaaggacgt 155100
 gtgacaaccg gggacgtccc tttctccgca catcccgaat ctgaggaaca gacagacggc 155160
 caccacgggc gccaggaaag cggccacggc gaccagcgcg gcggggacgg acgaggacac 155220

cgcgatgacg gcgcgcgcgc ccacgcgaat gacgaaacag agccccagca gcgcggagag 155280
 cacgaggacg gggaacagac cgactccggg cgcgaggagg acgcacagga gagcgaggtc 155340
 gcaagaagag acgagaaggg aacggagcag ggcggtagcg gaaggagctg cgggagggca 155400
 aagcagacgt acggcgggag aggcgaacat ggtgcctggt cgtcgatccc cctgtctgtc 155460
 cccaggcccc atccccgcgt gtgggtccct cctcctcatc tgttattccc tccccgctg 155520
 ccgtcgataa cgcccgtcga agacgagccg tccgcccgcc ctcggtgccc gccagggtccc 155580
 gcggaggaac cctctaagtg ttctccgtgc ccgccctgcc cgtcgcccga cgcgccgcag 155640
 tccgtgttcc gcgcctctc cgtctgttcc gtcccctcgc cgtccaccgc gcgtgtccgt 155700
 ttctccctct cctccctctc ctctcctcc tctcctcct ctctcctctc cccccgtcc 155760
 tactctccct cccggttgtc tccgccctct cccgtctctc cctcgtctcc cagatctccg 155820
 ttcattctcc ccattagatc tccgggactc cgagcaaagc cgcgggtgtc ctccgggcat 155880
 cccgtggcgt tcccgcggc gccctcgtcc gcgcgcgcct tttccaaaag agtcccgtcc 155940
 gttccctcat cggcatctcc gtccgcgcgc tgcattcgga ggtcgcggcc gccctccgca 156000
 cagacggcgt gagacgccgc gtgaggtgac ggaggcggcg aagggacacg agaagaacat 156060
 gcagaagaac atgaagacga agaagacgaa gaaacgagga cgaaaggagg ggaatacacc 156120
 ggagaccgag cggcggatgg agcccgtcgc gttttgcacg tccgcgatac cgagcggact 156180
 ccgtcgcgc tccggaccct ccacgcccct ccgtccagga cccgaggtcc gacacgcccc 156240
 cacctcgcgc acctcctccg ccaccaccgc tgacagtcac cgcatacac cccatacac 156300
 acccagcagc agaggccggc gcacacacac gcgcggagca cgcacgagaa cacgcgagac 156360
 atcggccgcc gaaattaacg gagtctatgc gcgcgccgtg acacggaaaa ccaagcggag 156420
 cgagacgac gaccgactcc tgctatcctt cctccctggg tacggtccac acgccagtct 156480
 gcggagtcac ctgagggccg gatccgtctc gcgccccccg cccgatccgc cccgataaaa 156540
 aaaaatcatc tgactcgtgc cagttcacac agatgcaacc gatgacaaaa aaaaacacac 156600
 caccacaagc aaacgctcgc cggcccgttc accgtccctc tcacccccac tcgaatcgcg 156660
 caggcgcgtc ggcgggcagt ccccgaacg cctccacggc aacgctcctc ccacgcccc 156720

tcggtcccc cccccctcc ctccatcccc ctccccggag catacacgcc gactctctcc 156780
 gcagaggcgg cgaccacagc ggcagcggaa actgtaacgg ccacgttctt tgaacagtga 156840
 cagtaacggc ggcggcggct gtcgccgtca cggtagtcgt ggcggagcac ccggggaggc 156900
 gacgacgggg actaccgatg ctctcagatc atcgccatag tgaaagagta ccgaataaaa 156960
 caagttaaatt tttgttgtaa ataaaaaaaa aatactatgt ggaaattaaa aataaaaaaaaa 157020
 aatgaaaat aaaggctaaa cactgactaa acgtgcatcc ttctccgtac gtcccccttc 157080
 aataaatggc ggacccgacc tctccataaa cggagacacg ccgggagact ccggccctcc 157140
 caatccacag gtagcccgag acctaatac aaaactgtac ctgaaaccga aagtatagag 157200
 ggcggcctcg aatgccccac ctatgaggcg ggacttcgcg acgcgccacc ctctctatac 157260
 gcccggcctt ccgctgctgc gcctatagga cgcacccctt cgcgccgaaa ccgcaacgcg 157320
 gcagagtcgg cgccacaccc ccgtcccccg agttcgcgat gggctggcgc cgaccctgcc 157380
 gcggcaacga aggcgaaacg agaccccgac gcatgcgggc ataaagagcg agaagtaaac 157440
 gcgggggtccc gaattatcgc gagactatct gcccgggccc gccctcgtcc tcatgccctt 157500
 cccccgccc tcatcccccg acacaccggt tgggaaaaaac gaaagacaca taaataaaac 157560
 gaattttggt gttaaaaatg tttccacgtg acgtcccccg tgattccccg agatgcggca 157620
 cgcggcggat tcgcccgttt acatcggggg ccgcagacgc ggttctgcca gggcgttgcg 157680
 gtgtcggttc cgcacagaac accgcggtcc gtcgtcaccg ttcaaccgcg cggtagttcc 157740
 gcgattctat ggttcattct cgtcacagc gttctctttt ttttattttt cactgagccg 157800
 ctccaccacc aagagtgtta ctgactacac cgtatacatg tttttttatc tctccacccc 157860
 tccccatcac agaccatcaa acaccttgcc gtatcgacac tgactatact cgaccgcgga 157920
 tgacaacggt cgttggtcac aacaagagct acagcggaca gcaaaaataa gataaatata 157980
 gtaagagaga ggccccggtc cacataggaa gccaaaggcg gacgaaaata aaaaccggtc 158040
 cgtgattcac acacgaatcg ggggttatga caacgcgaca cacgcagatg agggacggac 158100
 gcatcgcgat ccggcgcgac ggggcgcgat tggcccacgc gcgagcccgt gcccgcttcg 158160
 agtggctgct cctggctcgc ggcaggccgt ccaaactgta cggctatacg agtcggcacc 158220

ggggagaacg gatccaccta ccgtggccgc ggtactggtg cctagaactc catccggatc 158280
 cgtacaggga cgccaggagc gccaccgtgt ggggtcaccg ctgggggttg cgcaccaacgc 158340
 acgtgagacc cagatccgtt caagactgcg gtgagtgagc gccgccgcga ccgacgacgc 158400
 tatgcgacac cgggcgagcg gcggggaggg acgtcggccg cagggcgagc gggtagggg 158460
 cgagcgggtg gaggccgagc gggtagggg cgagcgggtg gagggcgagc gggtagggg 158520
 cgagcgggtg gagggtagt gggtagggg ttcgtcgaaa accaccgaag acattggctg 158580
 gcggagagtg gggacaaaac aacgtcacgt caggggcgga gaaatatagg gtgcgacagc 158640
 cgtcaaagcg cgagttacgg aaaacgagta cggatacacg gggggggggg gggggaagga 158700
 aacatggtga agtctgtgac acgcgtgacc gtcagccggc aacgcctgcc acggcctccg 158760
 gcctcacaga cgactcacgg agtttctctc agacattgtt tttttttttt gtattcatcg 158820
 gtaatgcggt atacgtaa atccccgaaa ggtactttcc gttaaggacg gtacaggcgg 158880
 tatgacttcc ggaacacgat gattacggat atcctgcata gtgtacagga gaccgctttt 158940
 ttttaggttc cgtataaaac gtacgtcggc gacgtacaca caacggttaa aaaaataaaa 159000
 aaaaagagg aaacagtaaa gtcctcctt tctctgtgt tatcgcggtg agttagtagt 159060
 cgccattgct gttgcgtatg cttttcgcgt taacggtagc cgacaggata cgaatgcgtt 159120
 acacgccgca aaggcatccc tacgatgact ctatgcggca tctcccggtc gcgcagaaac 159180
 gcgagttccc gggacgccag tcgtgacgtc cggccgatgg gatgcctttg cgtgtgcgga 159240
 tgttttctgc tgttttatag gaacagagac aagagacgaa aatagcgga cgccactat 159300
 aacgtgcatt tttctctgtg ttttgcggtt tcatgtttta tgattcttct acggtatcgg 159360
 ccggaacggt catcctcgat ccttctcgta cgcgtgtccc gcccagccc tggactcgag 159420
 tctgtacgta tggtgcggat acggagaaaa acttcaacc gtgggcttcg taagctcgta 159480
 tctgaccac tccccgctcg acacgcttcg cgtgctcctg gtcggtagag acggagccgt 159540
 gtacgtccac cacatgaggg cggccagact ctgccgactg gcgtcgaacg taacggagtt 159600
 tgcaaggcga gggctgcagc gggaccccggt ggcgtatgag gaggacctag agctgccgga 159660
 ccggcgatg tgccgaacga acgtcagaca tctgttcgac gtgatcgccg cggccgccga 159720

cgaacacgac ctgctgaccg tcggcggcct gtgtcaaacg cacgccggag tgagctgtga 159780
attactagag accgtgcgag atccgtggac ggcggttccg ggcgtacgca tgactctgac 159840
cgtggcgcg gctcagtatc gcttgtggcc cgatgcccgg agacagctcc gcctgcacct 159900
gtacgcggga caccctctgg gaccgtggat agtgtgcgcc gttctgtctc gagagaggga 159960
gacgcagacg ccgtcgctc cgataggcag cggaggcgtg actctgggaa acgtgcccac 160020
gccggggcca cgcgaagtgg agacggcttg ggtgatcgtc acctggcggg accgctgtta 160080
tcgttctggc ccgataacgg caagatctgc cgtctggcga actcgttcgc cgccctgtgg 160140
aggatgggcc gcgggccatg agaggacatt ggacgtattc ggccccgggt agacatctcc 160200
ccgggaacgc ttggccactc ctgtgaacac gtgagaccgc cggtcggaaa acttccccgg 160260
caaagagcgt acctggatta gacgccacgg cggagacgta aggatgcgat atacggccag 160320
agacatgacc ggaggaagat catgacaagg atctcgaaat ataaaacaaa aaaaaaaaaag 160380
tgaggagtgc gcaaacgcaa gaaaagaaaa agcagaaccg cggtgagat gtctatccgc 160440
ctgcgtgtat gtgtggggtg tgtatatgtg cgcgtgaccg tatccctccc tgcctttaac 160500
ccgatgagaa ataaaatcgg cgaatgtaca caatcacaca caatgtgctt acgttccgtg 160560
ttactgacac cacataacaa aaaaaaaca tacttctgt ccgtgagaca ccgccgccct 160620
ctagcggagt tgctatagca gcgcccgatg ccaacgcgac acggtgagtc gcatagatcg 160680
ggactgcttg aaagcgcgcc acattcgctt tttatataga cgcgccggg agtgggagga 160740
gccaacatac acacgaggtc ggtctggggt tggagacgaa cgcggaaaat caacggcgta 160800
aaaaaaataa aaaaggcgga gacacatagc cttggcgga agacgataac aggttcaaag 160860
atagacagtg aaaaaaaaaa aaagaggaga ccatgacatt gaatacacgt gcggcggcaa 160920
tccaatcaac gggacgtgcc ggggcgcaa aaaaagtata cggaagtga tgcgacagac 160980
agtcacgcgg accgacgaca aaggccgact cctagcatgg caactaggaa aaaaaataa 161040
gcaacgctgc aaaatactaa caaaggaaac atcccttcac cccctcccta cccgtctac 161100
cacaataccc cccccctcc gtaatcactt ctgtccgctt ttctcccaca ggcgcgtgca 161160
cacgcagaca cgcagacacg cacacaccac ctctatggca gtcgcgggcg ggcaggcggg 161220

gagcatacgg ggggcagatg taaagtcaat gaggaacggc atagcgcgcg acgtgccgtc 161280
 gtctcggacc cttgctattc tggcacgacg ccaaggggaag cctctggcgc aatctataac 161340
 cctaacccta accctaacc taaccctaac cctaacccta accctaacc taaccctaac 161400
 cctaacccta accctaacc taaccctaac cctaacccta accctaacc taaccctaac 161460
 cctaacccta accctaacc taaccctaac ccatccccc acgcgcgcg gcgcgccctc 161520
 atgggaggcg ccgtgttttt caccaaaacg cgcgccactg cgagaggcgc gtg 161573

<210> 2
 <211> 153080
 <212> DNA
 <213> Human herpesvirus 7

<400> 2
 cccccggttt cgtatttcaa atcctaaata acccccgggg ggtaaaaaaa ggggggggagc 60
 taaccctaac cctagctcta accctaacc taaccctagc tctaacccta accctaacc 120
 taagtctaac cctgacccta accctaagtc taaccctgac cctaacccta accctaacc 180
 tagctctaac cctaacccta gctctaacc taaccctaac cctaacccta gccctaacc 240
 taaccctaac cctaacccta accctaacc taaccctaac cctaacccta accctaggtc 300
 taaccctaac cctaacccta agtctaacc taaccctaag tctaacccta accctaacc 360
 taaccctaac cctaaccctg accctaacc tagctctaac cctaacccta accctaacc 420
 taaccctaac cctaacccta accctaacc taagtctaac cctaacccta agtctaacc 480
 taactctaag tctaacccta accctaacc taaccctaac cctaacccta accctaacc 540
 taaccctaac cctaagtcta accctaacc taaccctaac cctaacccta accctaagtc 600
 taaccctaac cctaacccta accctaacc taaccctaac cctaacccta ggtctaacc 660
 taaccctaac cctaagtcta accctaacc taagtctaac cctaacccta accctaacc 720
 taaccctaac cctgacccta accctagctc taaccctaac cctaacccta accctaacc 780
 taaccctaac cctaacccta accctaacc taaccctaac cctaacccta accctaacc 840
 taaccctaag tctaacccta accctaacc taagtctaac cctaacccta accctaacc 900
 taaccctaac cctaagtcta accctaacc taagtctaac cctaacccta accctaacc 960

taaccctaac	cctaacccta	accctaacc	taaccctaag	tctaacccta	accctaacc	1020
taaccctaac	cctaacccta	accctaacc	taagtctaac	cctaacccta	agtctaacc	1080
taaccctaag	tctaacccta	accctaacc	taaccctaac	cctaacccta	accctaacc	1140
taaccctagc	tctaagccta	accctaacc	taaccctaac	cctagctcta	agcctaacc	1200
caaccctaac	cctaacccta	gctctaagtc	taaccctaac	cctaacccta	accctagctc	1260
taagcctaac	cccaacccta	accctaacc	tagctctaag	cctaacccta	accctaacc	1320
taaccctagc	tctaagctta	accctaacc	taaccctaac	cctagctcta	agtttcacc	1380
caaccctaac	cctaacccta	gctctaagtt	tcaccctaac	cctaacccta	accctagctc	1440
taagcctaac	cccaacccta	accctaacc	tagctctaag	cctaacccta	accctaacc	1500
taaccctagc	tctaagccta	accctaacc	taaccctaac	cctagctcta	agtctaacc	1560
caaccctaac	cctaacccta	gctctaagtt	tcaccctaac	cctaacccta	accctagctc	1620
taagtctaac	cccaacccta	accctaacc	tagctctaag	tctaacccta	accctaacc	1680
taaccctagc	tctaagccta	accctaacc	taaccctaac	cctagctcta	agcctaacc	1740
caaccctaac	cctaacccta	gctctaagcc	taaccctaac	cctaacccta	accctagctc	1800
taagcctaac	cccaacccta	accctaacc	tagctctaag	ttcacccta	ccctaaccct	1860
aaccctagct	ctaagtctaa	cccaaccct	aaccctaacc	ctagctctaa	gtctaacc	1920
aaccctaacc	ctaaccctag	ctctaagcct	aaccctaacc	ctaaccctaa	ccctagctct	1980
aagtctaacc	ccaaccctaa	ccctaaccct	agctctaagc	ctaacccta	ccctaaccct	2040
aaccctagct	ctaagtctaa	cccaaccct	aaccctaacc	ctagctctaa	gtttcacc	2100
aaccctaacc	ctaaccctag	ctctaagttt	caccctaacc	ctaaccctaa	ccctagctct	2160
aagcctaacc	ccaaccctaa	ccctaaccct	agctctaagc	ttcacccta	ccctaaccct	2220
aaccctagct	ctaagcctaa	cccaaccct	aaccctaacc	ctagctctaa	gcctaacc	2280
aaccctaacc	ctaaccctag	ctctaagcct	aaccctaacc	ctaaccctaa	ccctagctct	2340
aagcctaacc	ccaaccctaa	ccctaaccct	agctctaagc	ctaacccta	ccctaaccct	2400
agctctaagc	ttcacccta	ccctaaccct	aaccctagct	ctaagcctaa	cccaaccct	2460

aaccctaacc ctagctctaa gcctaacccc aaccctaacc ctaaccctag ctctaaacct	2520
aaccccagcc ctaaccctaa ccctaaccct agctctaagt ctaaccccaa ccctaaccct	2580
aaccctagct ctaagcctaa ccccaaccct aaccctaacc ctagctctaa gcctaacccc	2640
aaccctaacc ctaaccctag ctctaagtct aaccccaacc ctaaccctaa ccctagctct	2700
aagtctaacc ccaaccctaa ccctaaccct agctctaagc ctaaccccaa ccctaaccct	2760
aaccctagct ctaagcctaa ccccaaccct aaccctaacc ctagctctaa gtctaacccc	2820
aaccctaacc ctaaccctag ctctaagcct aaccccaacc ctaaccctaa ccctagctct	2880
aagcctaacc ccaaccctaa ccctaaccct agctctaagc ctaaccccaa ccctaaccct	2940
aaccctagct ctaagtctaa ccccaaccct aaccctaacc ctagctctaa gtctaacccc	3000
aaccctaacc ctaaccctag ctctaagtct aaccccaacc ctaaccctaa ccctagctct	3060
aagcctaacc ccaaccctaa ccctaaccct agctctaagc ctaaccccag ccctaaccct	3120
aaccctagct ctaagtctaa ccccaaccct aaccctaacc ctagctctaa gtttcacccc	3180
aaccctaacc ctaaccctag ctctaagcct aaccccaacc ctaaccctaa ccctagctct	3240
aagtctaacc ccaaccctaa ccctaaccct agctctaagc ctaaccccaa ccctaaccct	3300
aaccctagct ctaagcctaa ccccaaccct aaccctaacc ctagctctaa gcctaacccc	3360
aaccctaacc ctaaccctag ctctaagcct aaccccaacc ctaaccctaa ccctagctct	3420
aagtttcacc ccaaccctaa ccctaaccct agctctaagc ctaaccccaa ccctaaccct	3480
aaccctagct ctaagtttaa ccccaaccct aaccctaacc ctagctctaa gtttcacccc	3540
aaccctaacc ctaaccctag ctctaagcct aaccccaacc ctaaccctaa ccctagctct	3600
aagtttaacc ccaaccctaa ccctaaccct agctctaaac ctaaccccag ccctaaccct	3660
aaccctaacc ctagctctaa gtctaacccc aaccctaacc ctaaccctag ctctaagcct	3720
aaccccaacc ctaaccctaa ccctagctct aagtctaacc ccaaccctaa ccctaaccct	3780
agctctaagc ctaaccccaa ccctaaccct aaccctagct ctaagcctaa cccagccct	3840
aaccctaacc ctagctctaa gcctaacccc aaccctaacc ctaaccctag ctctaagttt	3900
caccccaacc ctaaccctaa ccctagctct aagtctaacc caaaccctaa ccctaaccct	3960

agctctaagt	ttcaccccaa	ccccaacctt	aacctagct	ctaagtctaa	cccaaacct	4020
aaccttaacc	ctagctctaa	gtctaacccc	aaccttaacc	ctagctctca	gtctaacccc	4080
agccctaacc	ctaaccctag	ctctcactgt	caccctaaca	ctagctccag	gtcatctggt	4140
ctagatccta	tccatatctg	cctgactcc	tggttccata	ccgctccgag	ccccaccctc	4200
cgtcccgccc	tcctcctggt	ctccatgccc	tgccttctca	acccttcttc	ttccacgccc	4260
acattgcctc	tgcactccgc	gctctcttgg	ctgtgcgccc	tgcctttccg	tgacctactg	4320
ggagcgccgc	caaactctgt	ttgccccgcc	cctgcgcgcg	cggaactgt	cggcgcgcgcg	4380
ctgctgctag	cccgcttcc	agagctccct	ccctccgtct	gcctcctcac	ccttgccact	4440
cacccttcca	tctcttctat	cacagactct	gtgttacacc	acctatgact	gctgcaacca	4500
cagaacattt	tgtctccgc	gcggcactca	atcgttactg	gtggctgctt	ctgggacgac	4560
acaagctcag	tttggtatgc	aactacgtca	cagctcatcg	ccaacagtta	ctgccgctgc	4620
cgtggccccga	acaggaattt	ctccaacttg	acccggcccc	ctactccaat	ctccgcaacc	4680
gtgtcgctca	ccatctccat	cgcggctggc	cagcggcaca	caacacatgt	aagctaccgt	4740
acatctcttt	cacaaacca	aggctcacat	agagacaagc	acaagctcgc	gcaatgacat	4800
taaaacctcc	catcattgtc	ctttcctgtc	gctttgcga	taacgtcttt	gctctatcgc	4860
aggtttcgac	ccccgtcctt	acttcccaa	tgctaaagtc	aagctgcttc	cgctcggctc	4920
catcacctt	accagatcat	tctccagtga	cgagcctcat	cctattggtg	atgatgtgca	4980
tcacagtc	gaccggggtg	actaccatac	tgttatctgc	agctggctca	caggaacctc	5040
cccgatccta	gtgctgcttc	aaggaccgga	cggcagcatc	tattgccacg	acgtgtaccg	5100
cggccgattg	tatctcgtgg	cccactctgt	atcgttgttc	gccaggctag	gccttcgcca	5160
ctgcgaacct	ttatatgcgg	caccagatg	gaagcacggt	cctctgcca	gcatgtgggt	5220
ggcgagcccc	ccagcgctcc	ccaccctcac	gcaaactc	gccgtgagt	ccacgcacgg	5280
tctggacgcg	ttatactcgc	tgctaaaaat	ccacagagga	actccgtggt	cgctaatacca	5340
ccccgtgaac	ggctacgtcc	tggacatgat	actgacgggc	cgctcattcc	aagaagcacc	5400
ctgccaaaac	actcgcacgt	ccgttaaaac	aacgccacat	gtaatggacg	cagtctgcgg	5460

tggccgcggg	tcatggctgt	ccatcggcta	cctagtaaag	atgccgcaca	ttcacctggc	5520
ggtgaccgga	acatgtcttg	tcaccgccat	agatgtccga	caaaactttc	tctgggcgct	5580
ggcggacgac	gcgctgctat	tcttggtcac	cggtagtctt	ttactactgt	cgcgggccgac	5640
cgcgacttg	acgtcttgg	catgtttaca	gcaagaacct	gtgtggagga	actgtctaga	5700
tacgcgcgga	gaacaggatg	agacagaaga	ccaagagatg	aaacaaagca	caagcaaaaa	5760
gcaaaatgag	aataaaaaac	tcaacacctc	aaaaaaacac	acccgcgtat	cgtcggcaat	5820
tccgaccttt	cccctgagtc	tccgagaaac	gccgccagaa	gccaggagcc	cagccgtcct	5880
cgccgcgcgc	accagtcctc	acaaaactcg	agcgatctcg	acgcataatg	ccacgacaac	5940
aataagaata	ccgcgccttc	ccagttacct	gctggaagcg	cgtctgttgt	ccgtgacagc	6000
tatcctgaaa	gacacaaaga	aaaaaaaaac	ccagcctcag	gcgtagcagc	tgcgacgctc	6060
agcgcggtgt	ctgaaagctc	gccaaggtct	cgcgtaaaag	aacagatgtg	aacttcagat	6120
gtaccaacca	aataatacgg	gttcgcgtat	aaaaagtgca	cctctattcc	cgttcttata	6180
cccgtttctaa	ctcttccttg	tatcatacct	tgcattgttaa	ccggatcccc	tggatcttac	6240
acacatacac	acacacacaa	acttggtgag	gtaaacacag	aaatctcact	aactcataat	6300
cccctacacg	cttaccacca	cctaaaaatg	gttatgacca	aaactggcaa	tagtctatct	6360
tctttttctt	tccattcaca	gccaatgtgc	agtactcgtg	ggccacaaac	aacgaaagag	6420
actgtagaga	cacttccttt	aagtagacct	tagagacaca	ccaaatacaa	ccacaaccaa	6480
aaaaaaaaaca	gaaaacaaca	caaagccaat	gagtgcagaa	atgctccgcg	ctgttcagct	6540
ccagccaaga	cgccggggac	attcctcatc	tcccacttcc	cctccactcg	aaggagagcc	6600
cagtcccaag	agactccaat	cgagcaacag	tcaccaaggg	cgtagaggca	gacctaaacc	6660
cagagctaaa	acatggagcg	aagctttatc	ccaccggtcc	ttcctcaaca	tttacgcgtg	6720
gctgtctttg	agtcgaggg	ctccgcgaaa	agtgtacgga	tatgccttca	ggcacagagg	6780
agaactcgta	gcattgccat	ggccgcctaa	ctggagcctg	gaacttcacc	acgatcccta	6840
tcgagacgcc	agagcacaaa	ccgtttggag	tcaccgctgg	ggatggcctg	caacacacgt	6900
gacagctcgc	acggtgcggg	actgcggtga	gtgtaagcag	tgtgacacat	tgttatcgca	6960

attgtcttac ccgattaact ttttattaat gtattaagca ctctttcttc acgtgtgact	7020
gttgtgtttt ttgttgttat ctacatcccg gcagccctcg acacgcatat gtacgtgtgc	7080
tgcggacgcg gagaaaagtt gcagcccgtc ggatacgtac gcaacagagc cgcgccttca	7140
gacctgaact cgttacgcgt cctcctcata gccagggacg gagcaatgta tgtgcatcac	7200
atgagaacgg cgcgactgtg ccgcctagcc agcagtgtga ccgaattcgc gcgacgaggg	7260
ctgcagcgag aatccgaggt ttatgaagat gatgtttcct tgccagaccg tcgagtaggt	7320
tcggcaacgg ccattcacct gtttgacgta attaccagg cagccgatgt ccacgaccta	7380
ctcaccgtgg ccggactgtg tcagactcac accggcgta gctgccaact gtggtataca	7440
gaccacgatc cccacaccgt cgctggggcg gcacgcttca cactgacggg cgcacggcag	7500
cagtatcgat tgtggccaaa cgcacgacgc aaactgctgc agcacctaca tccggaccac	7560
ccacttgggc tgtggctgtt gtgtgccgtg ctcacgtacg atgcaaaaga gacgaatcgc	7620
gcagtgccac ccgtaacgcc agggggccgaa accgtgtggg tgatagttac tggcaggggt	7680
gccattctag gattctggcc agagagcgcc aaaatgtgca gattggcctc gtctatgaaa	7740
ggactctgga aaaacggagc gcggggcgcta aaaggctcact ggacatacgc agcaccggc	7800
cggcatagag cgggagaggc ctggcctttg tgtgcacact accaatctcc tagatagaac	7860
aaaattaaaa agattaaaa aaaaaagaaa aaaagtacaa gagtgttatc gcgaaacagc	7920
gtgtcaaaaa aaaaaacaat ccacatactc tagaacaaac tgtaccctaaa aataagtccg	7980
tgtgcaaaac tgggaaaaaa aaaatcacct tcctcgttgc cactagaggg agtacgaaa	8040
gtgtaggcaa gaaggccacg ctgtaaatga ctgtcagcgt ttggcgctga aaacattgct	8100
gttcttgctg gctcaagcac aatcacgtga ttaagattcc tttcgtttcc aaagtgtgcc	8160
cgggaggcag acatgccctt tctcgtgaga cattatgaga tttgcctgcc agagaaccac	8220
gtgacttgga cttactttcg ttttctaaac gtgccctcta ggcatgaatg ctcttttagcg	8280
ttagccatga ggctagcgtg atcctgtata gtacataagt ttctaagaat atgtttttaa	8340
caataatcat gtcccaaaaa gtcgcgagtg actaaaattc tctgtaaattg aaggcaaatt	8400
aaacaggata cagacagttg tggcagtggt ccgtttcgtc tttctgtgtt ttccttacgc	8460

ggctgacgag gtaaagtgtc tcagtccata ttgttgtctg tgccaccgta gttagcggtg 8520
 gcataactaaa aactccgata gatgcagaac aataacaccg aaaaccacgc tgtggaacca 8580
 gaccacactt tataaacaaa acggccttat cacctggaaa aaaaaactaa aaataaggca 8640
 atgatacacc tgactttcca ttggaaacct gccgtaaccc tgaccacaaa tcccatgcta 8700
 aatcccctga aacactgcca aacgtcgcta caagggtttt ccgggatcga gccgcagcaa 8760
 gcttaaactg aggtcacaca cgactttaat tacggcaacg cacagctgta agctgcagga 8820
 aagatactat cgtaagcaaa tgtagtccta caatcaagcg aggttgtaga cgttacctac 8880
 aatgaactac acctctaagc ataacctgtc gggcacagtg agacacgcag ccgtaaattc 8940
 aaaactcaac ccaaaccgaa gtctaagtct caccctaate gtaacagtaa ccctacaact 9000
 ctaatcctag tccgtaaccg taacccaat cctagccctt agccctaacc ctagccctaa 9060
 ccctagctct aaccttagct ctaactctga ccctaggcct aaccctaagc ctaaccctaa 9120
 ccgtagctct aagtttaacc ctaaccctaa ccctaaccat gaccctgacc ctaaccctag 9180
 ggctgcggcc ctaaccctag ccctaaccct aatccctaate ctaatcctag ccctaaccct 9240
 agggctgcgg ccctaaccct agccctaacc ctaaccctag ccctagggct gcggccctaa 9300
 acctaaccct aaccctagag ctgcggccct aaccctaacc ctagggctgc ggccctaacc 9360
 ctaaccctag ggctgcggcc cgaaccctag ccctaaccct aaccctagcc ctagggctgc 9420
 ggcccgaacc ctagccctaa ccctaaccct agccctaggg ctgcggccct aaccctaacc 9480
 ctagccctag ggctgcggcc ctaaacctaa ccctagccct agggctgcgg ccctaaccct 9540
 aaccctaggg ctgcggccct aaccctaacc ctagggctgc ggccctaacc ctaaccctag 9600
 ggctgcggcc cgaaccctaa ccctaaccct aaccctaacc ctaaccctaa ccctaaccct 9660
 agggctgcgg ccctaaccct aaccctaggg ctgcggcccg aaccctaacc ctaaccctaa 9720
 ccctagggct gcggccctaa ccctaaccct agggctgcgg ccctaaccct aaccctaact 9780
 ctagggctgc ggccctaacc ctaaccctaa ccctaaccct agggctgcgg ccggaaccct 9840
 agccctaacc ctaaccctga ccctgaccct aaccctaacc ctaaccctaa ccctaaccct 9900
 aaccctaacc ctaaccctaa ccctaaccct aaccctaacc ctaaccctaa cccgcccc 9960

actggcagcc aatgtcttgt aatgccttca aggcactttt tctgcgagcc gcgcgcagca 10020
 ctcaagtga aaacagtttg tgcacgagaa agacgctgcc aaaccgcagc tgcagcatga 10080
 aggctgagtg cacaattttg gcttttagtcc cataaaggcg cggcttcccg tagagtagaa 10140
 aactgcagcg cggcgcacag agcgaaggca gcggctttca gactgtttgc caagcgcagt 10200
 ctgcatctta ccaatgatga tcgcaagcaa gaaaaatgtt ctttcttagc atatgcgtgg 10260
 ttaatcctgt tgtggtcac actaagtttt caagcttttg gcaaggcatg aaaaataaca 10320
 ttactattgg actgtttata cttatcttca aatgttcact cacagcagcg aaggggacac 10380
 tagaaaacac tcccaactag aactacgagg cggaacagca atggaaaccc agacgtgttt 10440
 ttacttttat tttctgaaat catttaatag catacaagta cggcctctcc gaatcgaagc 10500
 taatctgaga gcaaagacaa agagcactgt aaaactgaag gcaaaaaaac cccccgtta 10560
 aaaaagaatt tcataattcc gcagctcttc cgaagcccc cgaaaacaac acagatcgct 10620
 aaggggtgtct ggactgagct cagtatcccg gtaagcctcc aaagcagatg gacataaact 10680
 atattctcgt ggtaattgaa ctaccggaac gtggatgcaa gtgacgggta actgcatggc 10740
 ccaagcgttt ctatcaggaa agcgatagtt tttaaagagt ctctggcgc ccatggccaa 10800
 aaaaacccta aaactacaag ccaagttaac gacggctcct ccgcgaacat ccagagcgta 10860
 gacagcacc aagcgatcca taagaaccg ttgctttcga agaagaccac gaccgaggca 10920
 tcttccgaca aactttccga taaccacggc aacgccacgc ctaggaatga acctccaccg 10980
 ctctccatgg tcttccggga cggaaaattc gaacagcacg cttttaggcc acggaagagg 11040
 cacaagagcc ttgtcgaaag caacagcgaa attcaaaaca tcttccacc cgcatatagg 11100
 gccgaagaaa aaaccccccg aaacgatgga ctcgaaaaaa gcgtacacag ggtcaaatct 11160
 gcgcagacca cgcttccaga gaccataagg ggtgtccgca actctgtaaa tggcgttgtc 11220
 cacggaacgg ttaaattgat aaaattcacc ccgatctcca ataagcatca aagcagataa 11280
 atcagaatag agcaccagac cgatgacca aacttccaca aaaggacagc agacaaaatt 11340
 tctggttaac ttgcagactt cgtcttccga aatgccaaag atctccgaag aggcaaacct 11400
 caactcagcg ccggaaggcc acacgagagg aagtcgatgg tgagcatatt gcaaaaacaaa 11460

atgagcaacg tctccgaaag atacggtttc cgcagcgaag ctctgcaaaa acgtggtcca 11520
gtagacctcc ggaacaggtg attcaactgt attcgattcc agattaaaca aaccgttcga 11580
tgcattcgac tcaacagccg tttccacacc ggaatccaaa agcggagaat ctgacatact 11640
agcaacatgc aaatgatcag agaaaaaaaa acaagtgaaa tgcacagaga caaatacaat 11700
caaactcata ctctaaagca cgaacgctgt ttattaatta ccatgtcaat ttcaaaaccc 11760
accagcaaac aaggcaataa agggagagag tcacaaactt agcaacgaaa aatctggggtt 11820
ccaacatcag gaaacgctgc ccgctcatct gctcttgag ccaagaagag aaggctcgag 11880
tcgccctgtc tggcagtttt cagataaaaag cgcgacgaaa aatgacacaa tggtttctgg 11940
caccatttgg gctgagccgc gtaaaaagtg tgatgtttat agaagttacg cacaccgaca 12000
aacctaaaaa cctgaaaact ctctgcatg aaagtcaagt tcccgtcggg atcgttatca 12060
ttaaacccat aaatttttcc cgagcagtca gcgtaaaggg aaattctagc tccgtctgaa 12120
aaacatttca gtccgaagct cgcaaagaaa cacatatcag ctaaaacact ttttatctcc 12180
gggtcagaaa caaaatgaaa actgtctttc ctgtgatgaa acaggatatt ctctctcgcc 12240
ggccatcgca actcaaattt ttcaccaaga tgccgtgcc gaaatgccaa aatttcagcg 12300
catgttgatga tagcttcaat ctctggatct gatacctcaa attgcagaca cttacacaaa 12360
acgtatgcgt acagacatct tttgagacct ttctcaaaa aactgtcaat agtgtcacc 12420
acgcgacata gttgatcagg aaataacgtt gtatgtgcat aaacgcggcc aactttccca 12480
agtaagataa ccacatcatc agtctcatac tcaagttcgt aaacagtcgt cacagtatgt 12540
tttatgtaac caagaacagt aagttcttca ggacaacaca ccaacgcggc gtactttttg 12600
agcttatctt cctcatatcc ctccacacca taagtcaaaa caagttcaaa ccctctgga 12660
aaaaccaaag gcaccctcaa atgcggattc agaaacaaaa acatttttag actattaaaa 12720
tttgataaaa cacgtagaaa atccacgagt ttagccttag cagattcaaa gattttctct 12780
tttctttttt tatcagataa aaacgttttc tcaacgttgg caaccttcaa atcctttttc 12840
ccgtcaacat gagcaacata ttttcgtata aacgaatttt ctttttttaa atcttttgcc 12900
acaactctca aaacacgctc ttcaaaattg aagtcagacc ccaaactctgc cataactaaa 12960

tcgtacctag cgtattaata atctttgtgc accggtttcg caaaagggca gaaagccaac 13020
 cgcggaatgc gacgcgactg gcgaatggta aatccgcggt gctgagactc tttaaaaagc 13080
 cttttcctca ccgaaactct cctttgtcgc atcctgtggt caaagatcct aacctcaaaa 13140
 gaacctccac ccctaaccgc atgcggcact acgtttggaa acaaaccact ccaaagatgc 13200
 gtcccatata aattgcaatc ttgacaccga aaaaaacgca ctggattgtc catgtagtgc 13260
 agcttttaaag gattcgtaaa tccttccaaa atatcgtgcc ttaactcccg agctaagtgt 13320
 aaaagaaagc acgaacaagt taaagctacc ttcttttgac acaagtgctc taggagagct 13380
 ctactctat gattctgttt actgtaggaa gctactagaa tagaagccac ttcaagaaaa 13440
 gcggaacagt gccgaggaat ggacatcaca ttgtgactgc taaagtgact acctaaaact 13500
 gctaacttcc tacaaacgtt ttcaactcct tcaaaaggta gtatccttat ttctaaaaag 13560
 actaaagact gcgcgaaaaa acgcgctatt ttgtccaaat cagagagat gcgttctctt 13620
 actctgcgcg ccaggaaaag acataaaatg atattacaat aaatctttaa aatgtttctt 13680
 tctagatgac tattccctaa aatttcatca tgtagaattg gcaatgtttt cgattccatt 13740
 gctttcagta ttaactcgc gccgagatct ttgtcaatac tctctctaac gcgtaaagct 13800
 tcatcattag ttaaagttaa ttgctggaga atcaagtcct gtggactaaa gtctgtata 13860
 tcggacaaat gtaggacgcc cctttctctc cgcttcaaaa aacgagaaaa tagcgccttg 13920
 cgacattccc cgcaactaca aagattagat acaacaaagt gataattcat cacgaatgaa 13980
 aaaaaaattt tgtcgtctaa gaaatttttt aataggagat tggaaggcgc tacgacttca 14040
 ccagctattt ccttcggatt tggaagtaac tcaacaaac tcaacaatat atttgaatca 14100
 cagcgatttc taagcataaa aaattgtaaa aacaatgaat ctaagagctc cattaaacga 14160
 ttaaagtgag acgaaagagt gtcgcgcttt tctccagcta caaatattc cgctattgta 14220
 aatgagcca aagctgtagc tttagtcaga actcgataaa acggagaagt gcactcttca 14280
 aaccttagac tttgaagaaa cgcgagaaaa ccgtctaaag tcattgttgc cttgtccctc 14340
 cttttaaatg aaacggagtt tttctccact aaaacagccc atagtagact gtcacgtaa 14400
 aattttaagc ctcgagtttg gaacaaatct tctgaagtga gatgaccgct atccgcaatc 14460

atctcctctg tcagctcatt caagttgacg tctaactcgc atgagttaaa tgccgtccat 14520
gacagataag gatgattcgg tataacatac gtaatgcgat tccttagcgg ccctttacaa 14580
acatcataat cgattaaatc cattacgcaa atccttgtca aaaatgttta ttcatttcca 14640
tcactagcat cgactccaac acaggctaac gtttctacat tggcaaagta acacaagtca 14700
ttctgaatct tgtcaagacc ccccagctta taccctacag ctcttacatc tttttctgga 14760
ctggtctgga aatttccatt cccaaaattt ccaaaatatt tgagaccact gaaaaaaagt 14820
gccattgctc cattaatgtt ttttgtgtta cttaaataatt cagcttcgat gttcacgac 14880
gatctctcca gcacatctat gaagctcttt tccttagcat tcactatgaa gaaacctggt 14940
gctagattat ttgcagcaac caagtccgtg tgcttcgcag gctgcctttg gatgtaaaga 15000
tgatgcaa ataaaagcttt catgaagttt gtttcatcat agtttttgta atacggaatt 15060
tcaaagctca tctttatcac ttctaagcag ttgaaaataa agtttgagga tgtgccaggg 15120
tttctgacaa tatctttaac ctgcttcaac atattgaaat aaacgatatt gttcatacaa 15180
cccttactgc ccagtttcat ttcacattcc atgctagact ccaagttctt taattcatct 15240
aagtacacat cataatacat tttcagttca gtaaacaataa cactgttaag agtttgaatt 15300
atgaaaagca aaaacacaat gttactaaga atattcaaca gatttctttt gtcttgaccc 15360
atatccacag taaccgagat aggaaacctg gaatgttcaa tctgcccctc aataaaactt 15420
aaacacaaat ctttggctac aaacatagaa agattagaat atttctcaga taaatgtgga 15480
aaaataggta aatcgatctt acccaaagct ggaaagaaat gtaatttgac agagccagga 15540
ttctttttca ttgtgcctac atttttaaac ctgaaaaaat tgtatcgaca ttcttcgcaa 15600
ccacaaaata gtaaaaagtg ctcaagtaag tacaactgaa aacgatcaaa aaaatcgct 15660
ctgaagaatg attctgtttt gttttgcatt tctgtcttaa aagattcgct ccaaaatgca 15720
cagctaaagc cccctaactt ctgcttagat tctttactca attccttcaa ttttccatct 15780
agtttaaaaa ataacataga aaggctactca cataggtagc gacaccagta tccaattcca 15840
ggcttagcac ccaaattaaa caatgatgcc ccagaataga accctacagc tgcaagttta 15900
gtaatgcact gccatttggg gtcaaaatct tccataaatt ttaaatacgcg caactgcaaa 15960

agaaatztat cagcccttgt gaaagttgat ggatacttga acatttcgta ctcatagtct 16020
 atcaacctat tccaaataac accatctgaa cataatctta gcccttttat tccaaagcgt 16080
 ccagcagctg atgcttgaag gccgttgatt agtctggatt ctgtcaccgg aacaatgtac 16140
 ttcagttccg tgtctccgtt tggaatgatg attggatgta gaaactttgt aacactttga 16200
 acaagaggat tactgatttc agatgagtgc actgcaaaca gaatacttgg catgttcttc 16260
 aataatctga aaaagaacat ccatggaacc atcagtaaga gtattgtgta gagaataccg 16320
 aaaagaagaa ctttgatctt tacataccta tcacaccttg gatacatatg ccgtgggttc 16380
 ttccgaagaa tcggagactc tccatttaac attctgttca aattttccgc ctcaactttca 16440
 ctcacataaa tcaaactgtc atcatgccag ttcagggcat atctttcttt gtataagagt 16500
 tcttcaaacc ctgcctgat aaattctcta atagaccttg caactttgtt gatcttgta 16560
 tcacaataca cataaatgtg aaaattggga cctagtagga tgacagctct acaatttggc 16620
 tctacctgac atctcgcgca agttcctatg acaacatact ttcttcttag tattttttcg 16680
 agaataccag aacctgtgat gtaatggatg tcattcgaag aacagaaaga caaatcaaaa 16740
 ttttgaaaag catcgatacg aattttttga ccacattggc gattgacaaa attctttaag 16800
 gctggaatat ttttttgtaa gagtacgaac tctcaccgc tgcatttggt ttctccgtac 16860
 cacagtctgt ctagctcaat atctaattca atccttgcaa aagggtgggaa atttctcagc 16920
 ccgatactgc aaaaatgtgc aggagattcc gctatgatgt acaattcatc tgtgaccgta 16980
 tctaatagcaa gcattcttatt tgatgagcag tacatcacia atggatcaaa gtccgggtcc 17040
 ggttctcggg aatttggtatg tgcataacca acagcgcaaa gaaattcgtc tgctcctacc 17100
 aaattactcc aatcataagt gatgacacta cgtctacatt tgaaatgata aaattcgcca 17160
 aaaataagca catagttttg cggccaaagca agacagcact ttataccatt gcgaactatc 17220
 tccatgcctt ctccatatga agacagcagc aactcaacgg caaaatcaaa agacgggtaaa 17280
 tccggagtcg gttcaatgca aacatcattg cacacaggaa caatttctgc aaaattaact 17340
 tgtgattagt acttccgtca ctttcagaaa aattaaaaac cataaaaagt actgttactt 17400
 acttagatac caggagtact gttgaaccgg tgcacttcca agagttgata atcttccaaa 17460

tctggcagtg actttttccaa ttttatcata accaaaatct ccacaatatc tcgcgaagcc 17520
gatccttgca aaagtcagta aacaatcagc aatccgcgctc aacactttat caatccaatc 17580
ataataataa attgctcctg tttctccaat gcatagaatt ggtctcaaac catagtcttc 17640
ggctgaaata tttaaaaaac ctaaaacaac tactttttca aacagtgcct cttgttcttc 17700
aaatcttttt tgggtctgagg tgccacagtg tatgtttttc ctgtcttgca ggattaacgc 17760
tgtaaagatt ggagttttcca aacgaagttt taaaccagtg tttatagaaa cgaagtgttc 17820
aatctctgct aacgtttttac accttgccaa ttcattctaata tcggagagca ttgaaatata 17880
atttctcctc aaagctttta gtgccaaagc tgttttcctg ttaaattctta gactagaatt 17940
caaattaagt ggttcctgta ataatacctaa gtctttaaga gtctccaatt tttcaaactt 18000
tggaccatca taataaaagc gagtataaac aggttctgag caagtgatta catttgtacc 18060
tagaatacca aatctaacaa atttgtcaaa gtcttcagct atgtaataca aaacatcatc 18120
ctccaaatcg tgacaaaaaa ttcgactcga ttttcccaca aaaattggca cgtctttcct 18180
tccaatttga atcgctccaa tcaagcacia attttcctta aatccttggt aatggtcatt 18240
cagttctgcc aattgttggt ctgagtaacc agcaacgtca actggctgtg caagccttaa 18300
ccacaaattc tttggccaaa tcaaagacia gcattcattt cgatgtcgtt cagtaagaag 18360
gcgaattcca gggaaatcag taaaacgaca taaattcttc aattccctta acaatccatc 18420
atttagttgt ccaacacaag gcaaagtttt atattgttct gccatcgtct caaaattttt 18480
cattgaagtg aatgtggtaa gaagtttgta ttctcatcca tttctcaaaa actcaaccag 18540
ataaatataa gagaaaaaaa tcacatgaca ggaaataaat tttaaagctt tgcagatttt 18600
ttatttccca ttacaggaaa cattagagtg attaaaacca taagcctggt gttatcggat 18660
taaaaacctc ttgtcgaaag taggaatcgg atttttacct tttttaaaga tcgattttta 18720
gaacattcac ggtaacaata caaaactaac agtgtcatta atattacaaa ctcaaatct 18780
gccactgaaa ggaaaatccc ttttcgcctt aagtaactac acttaaaaat ggctatagca 18840
gaaagcggag cgttcgaaat aatgtcaat cttggaaaat ccatcgcttc catacaaaaa 18900
aatcctataa tctacatgcg tagacatctc tctttttatg tggagttatt aaaatttatc 18960

attcatcaat atgagcaatg ttttttacca ccgaaaggaa cgatacttta ccacaatggc 19020
 ttaatcgaac taaatacttt aattatcgat ctgaatcaac aaattacatc gaaacagcag 19080
 atctatagtt ggacgagcat tactttgcca aaaatatttt cgactaaaga attatatattt 19140
 attgtcgcgt caccagaatc ggaaaacata actctcaatc cagctgttac taaaggagga 19200
 tggttatctg ggagtttttag ctttccattg agtttaagtt gtgcatacgc cctcactggc 19260
 gtatcttcaa caatctatat gttaccattt attccatata aattcccaat gacttacgta 19320
 gacttttcga cacttcgaac atacgaggta acaagtgaat atggatcaat ccaaattata 19380
 aaacagcgga attttttatt tttgggaatt atacgggatc tgtcatggaa aagtcagagg 19440
 gataacaaga attttatcct gaaagcaatg ttcgttggaa actgggttagg gatacaaatt 19500
 ccagaagctt ttgcattgag actttttaat aacacacggt tttctattca ggattttgaa 19560
 ttctccatta acatacaaaa tataaacctt actagggaca ataaaatttt gggttctctt 19620
 tccacggttt cttgtgatca gatgccacca aacttgtctc cagagaatct cccaaactat 19680
 ctagttattc agttcgaatt ggtttcaact ctcgcaaatc ctgatcatct actgttttct 19740
 tgcaatccca aattgttttt cacaggagat attctgaaca gcgctataaa tttacaacat 19800
 agtcctaatc attatgagct tacagtgtac gcaccacata atttacattt ctatcccagc 19860
 tgttttcata tagtaacatt accaattcag ttttcatcca gaaatgatag acagatgttg 19920
 gtgtcaagct atcctaataa aggctacttt gaagtacaaa tgtgcccattg ggtacagaat 19980
 tctcctcttc aaattgttat taaatctttt tcaaaaaatc tagtgctacc gcaaggcacc 20040
 cctattgcaa ttctcttata tatggaaaaa atgacaacag gaaaaaatc tttacgggat 20100
 caagaattaa aaattaataa agacattacc cgaataggaa acgtaaacct tccaaaagaa 20160
 aatttcttac attataatag ctaatcttta ttcaactgtg ttttagacga cgtcttcttc 20220
 tgagtgtggt aaatgcgata ctagtttatt aactatatca tcatcttttt gaacagaatt 20280
 ttcaagatcg attaaatctt tatcgccatc ttcttgagcc ttgctagcac cgaaaatgg 20340
 attttgcgtc tctttgctg ttaaaagtga acctgaatca aaatcctgga tttcagcatt 20400
 tggtaaaaaa aatggagacc gcacaggctg catcttttca gtgaagctaa aattttgaaa 20460

taaaggatct ctctttctgg agttcagtaa attcttcagg ttgttgtcat tgaaagtcgc 20520
 aatgttagaa acatctgttt ttttcggggg ttcgagtacg tcttttaagc ttcgctcttc 20580
 taaactaatt gtatccgtaa aatccgttaa taatttctta actttttcac ctagtcctga 20640
 ttcaaaaagt tctttttgaa gaagatcggt ccttctacta agatccagta atgaagaact 20700
 cggagtccac ttcacatctt tgactaattg atttttttta gctgaagaag cactctcttt 20760
 ttccttcatt gaagcgttta cgtcattagt acctatcata tttaaagtct tgggtggaaga 20820
 atttgcttta tttccatttt tttgcttaat gcttttttga tcttgtggag gcaatgacat 20880
 ttcattatgc tcgtcatcaa aactttgtaa gttctcgtgg acaatttctt ttctgcgttt 20940
 ttctgaagga agtttaaaaa tgtcttcatt attttgttta attgttttga ttcgttctcg 21000
 tagctccaaa attttctgca agtcattggt cgagttttta gacagttgat cgcgtagattg 21060
 cactccgttt tgtctgttta cttcgttttc tggcagaaaa aaggtagagt gataatcaat 21120
 tttatttttg ggtagctgaa ctacgttaac ttttggtgag ctaacaatgt ctattacttt 21180
 gtttgagttg tgtagatcta gtttgc taa ggtatctata acttggttaa taccgtctgg 21240
 tgccacagca atttcattga attgggttac tttgtcctct ggtctgtgca tagtttgatc 21300
 agttaaatca agtatctcag tctgtagtat tctgtgcatt tttttagaat tgtttataga 21360
 cgtggaattt cttggctcgt ccaatatcat ggaatccttt tttaccgagg ataacaacc 21420
 atcttcagag cctacaaata aatctttgga tagcgtggtt ttactcgtt gttcagtttt 21480
 tataaatggt tctggattaa atgatgaacc atacgaagt tttttagaac tactctcaa 21540
 ttgattgctt aaagacgatt tcgacaaatc tgttaaaact ttgaatgtct gaatcggttc 21600
 aggagtaaatt tttacacgat catcccatgt actctttacg ggaagagcat gtaactcaag 21660
 actttttggt ataacatcaa agtcttcggt taaaatttta aaaaaagaag ttactctatg 21720
 actagttaat ggcaaaactta aaatttgata agaatatatc gaaacaaaat ttttgttgtt 21780
 ttcaatcgcc tttaaaattg catttttctt ttcattaatg gtatttaatg cgagtttctc 21840
 catgttcac caggatccat gtaatgtaat taataaatc ccaagataaa gcaatcgatt 21900
 gatgttagta acatagtagc cattttcatt ccacggatca actatttggt aaattgtgaa 21960

agaaagcata ttgttttttg ccttttgtaa attctcgcca atttccgctc tttcttctgt 22020
 ggtaagattg acgtaatcgg ctgcgtgtgt cacagtgcc caacgaagaa aactgcccag 22080
 ttttaagcaaa tcttttgcta cgttttttaa ttctgtttca aagccaactt tgttaaaaga 22140
 tgttaaacta gaataatcag taatcatctg tctttgctct aagtaatctt tcagaatttt 22200
 ttgcaccttt agtatttctt gccaaacttc ctcatagtct ggtttctttt tacacaagg 22260
 ttgatgaaaa taaatccaaa gaatcaaatt gttgtaaagt gtttttacat tgттаатgga 22320
 atttccagtt ttaacgatac attgactcaa aatccatgga ttttcgcgaa tatcaacaac 22380
 tggtaaagac gatatgtttt caaaaaatcg agataaaaaa cactttgctt catccgaaat 22440
 ccaagcaaag ggtaaатgtg acattttcat gactcgtttt ttctgttgag cattattgaa 22500
 cacttcttaa aaaattagtt taatagtctc tattttctct ttgattagat acatgcgctg 22560
 ccgacatgga cactctaatt gatttccaaa aaatcctggt atgataatct aatgttatga 22620
 ttgctacag ctttgctaaa aatgttacct ttgcattttt aatcatcttg caaaactttt 22680
 tttcacagca tgatgaagag tacaagtaca attatacgtg tattacgcca acagtacgga 22740
 aagcccaaag acttgaaagc gtaattaacg gaattatgct aacgctgata cttcctgtta 22800
 gtactgttgt catatgcact ctgctaactt actacaaatg gacaaaacag acaattactt 22860
 ctccatatct tatcacactc tttattagtg attctttaca ttcattgact gtgttacttc 22920
 tcacattgaa ccgagaagct ctcacaaacc ttaatcaggc tttgtgtcaa tgtgtgcttt 22980
 ttgtatacag tgcgtcctgc acatacagtc tgtgcatgct agcagtaata tccacaatac 23040
 gctatcgaac cctgcaaaga aggacattaa acgacaaaaa caataatcat attaaaagga 23100
 acgttggaat tttatttctg tcttctgcca tgtgtgccat tccagcagta ttatatgttc 23160
 aagtggaaaa gaaaaaaggc aattatggaa aatgtaatat acacatctca acgcaaaaag 23220
 catatgactt gtttatagga attaaaattg tctattgttt tctctgggga atttttccaa 23280
 ctgtcatttt cagctatttt tatgtgattt ttggtaagac cttgcgtgcc ttgacccaaa 23340
 gtaaacataa caaaactctg tcattcatta gcttactgat actatccttt ttatgtattc 23400
 aaataccaaa tctcctagta atgtctgtgg aaattttttt tttgtatata gcaaatactt 23460

cctgcttagg caccatacaa agagaaattg tgcaaataat atctagatta atgccagaaa 23520
tacactgctt gtctaatecg ctagtatatg cattcactag aacagatttc cgattacgat 23580
tttacgattt cattaaatgt aatttgtgta attcatcttt aaagagaaag agaaatcctc 23640
tgacaataaa aaattgaaca gtgaagcttg cttaaaactt tgaaaatttt ttgtgatttt 23700
aaataaaatt taaaatcaat ttatcctaag cttttcaggc tatgactttg aatcaacagc 23760
catctaattg cagactaatt acagctaacg atccagtact tgcattcgaat ttacaatgc 23820
agcctacttt taaaatagcc gataagaaag ttgtactcag agatcataat tacattgcag 23880
tcaaagattt tggtctatca aggtctttca tgcattgcat tcgatgtcag gaaaaaattg 23940
aaaagaagac atccgatagc attagagcat attccattaa gccagatttc atgttttatg 24000
actcagacga cgaagtctgt tcgtcaccat ttttataaca atatttaaag tagctgaatt 24060
gtacgttctg aaacagtctg aacggatccg ctgaacgcag acacaatgga acagcaaaaa 24120
ggattttcga ttccattttt tgtcactgac gaaaactgca actttgtgcc tgaaatatta 24180
cctcgtatac atactaaatt tcttaaagat gtcttaattg ccgattccta caactctgtt 24240
agttgggcaa acagttttat tcccatgcct attcaaacgc ttgaacaaat tatggttctt 24300
ataacaaagt tcaagttttc tcgctcgcgt gattttttat tcccagtaat tcgattagct 24360
gttcatatca ataggttcca cacaggggaag aaacagctga aaaccatgat agaaattatg 24420
aaaagcttgt ttaacaccga agaggctatg cgacgattcg atgaagcatt gatgattcta 24480
ttttctaatt agcaaaccaa tacttacatg acaaacatag ctttatcgat gcatgagaat 24540
ggctttccag attcaaaatt tatgaatgct ctaaaaatga ttacagagc tggaaattct 24600
tttgataatc aaccagacaa tgatatagaa agctacaacg agaaattaaa aatctacaac 24660
tacctaatta aaatacctaa gtacacacta aaagctggag ttgatttata taatgaaaat 24720
ataaaagatc tttcgattgg aatccaaaga caacctactt tattattcac atctcgtaat 24780
gatttttcat tgaaagctat ttataatgac gtgttatttc tagtttctgc atggaatatg 24840
atcatcaact ataaaaaaga acaagaaga ctcttttagtt ggataacatt tgaaataaac 24900
tctttaatgg agaatgttgt gcttgcagcc tttcagttac cagatttaaa agaatgaca 24960

cttgatttaa gcgctttgat tgccaacatg aatcttttaa aaccaaata gaattacagc 25020
 ccccatTTta aactaattat caacaaattt tttgaaatcg gaatttttgt cacgaaatca 25080
 tatatttgta ttttgccttc ttttgtcaaa agccaactca tttcgtttga aaacgtttta 25140
 agttcaaaca gacatgcgga agatgtgact ttcataactaa catcttccaa ggaatctgat 25200
 gatgaatatg atgaagataa acctccacga caagtagatc cagacagagt ggacaacatt 25260
 ttaatggaat cagatttttt taatgtgaaa ccggaaaacg ctttttcaga aatcgcatta 25320
 atgccaattt cacatgacaa aattatagat gtcaacaact caaacataca agttcttgaa 25380
 actgaattgg cacatacaaa tttatttggt tatagcgcaa tagctcaaaa atatgatttg 25440
 cctttaaaag aatacgtaga gcgcttaaac gtctacaatc ctgatctatc atctggaaac 25500
 tctacaccgg cgcggaattc taattctatt cgtacaactc cagttctaaa tatatccaga 25560
 ccaggaagca ctacaccctc tgggaactct gcaagatatg ggaataaacac acctagaagt 25620
 ataactcgg ttttagagat ttcaagatct agaagtgcta ccccttctgg aaattctgaa 25680
 atctatgaga atagaacatc cccaacgttc cgtgtttcta ggagtgcac tccaatagaa 25740
 agaagttcga gatctgctag tataatttct ggagaatctg ttcttggttt ttttaatgac 25800
 caagaacgtt tgagcaccaa ttgccttatt tccataaatg gtaatactcc aagacagcaa 25860
 agccatgggg acaatgaaat acaaaactata gattccacgg atgaagactc aatgaatgcc 25920
 ccacaatcac cccaatccat ctattcaatt tctagctatg tttcaacaga cgatcaactt 25980
 ctacattcac cgacaaatag cccatttaat ctttttgact ctgtctcgga aatgcaagaa 26040
 gacaccgaat aattaattgt tttttattta gctaattcat tgtatgacaa cacaagggca 26100
 attgtttgat taatttccac gtttttttagc ttttgaataa tctcaattaa aacatctctg 26160
 gtcagttgga gtcgttctat gtatgaaaaa aacattatcg cgttttcatg ctcatcgtct 26220
 ccaagcctca gatgactttc ttctagaaac taaagaaaaa aaatgttaaa agatctttta 26280
 cagaagaaca tttattattt ttaaaaatga tttttcttac cgcataaatc atgtttaaga 26340
 aaagttgctt ttcattgctt gttgtcatca tatacaataa tgctgtgatt ttcctgaaaa 26400
 taaaagagcg gggtttagaca ataaaatttt gaaactcggt tgtgtagaaa taatagaggt 26460

ggactcaccg ttttacaggt atgtgtgtga attgagcgac gatataacaa tcctcagttt 26520
 tgtggacatc tagattgaaa atctgcttga tttcttgcca tctcttaata ataaacaaag 26580
 cttcaatcac tacagacttt gtcacagttg tggттаатgt таатссagaa aaaataaatc 26640
 tatatgttgt attaaaatcc atttgaaaaa gatattttat atagattgtc tccactttag 26700
 atataatatt agataacgtc atcaatatct gtagtggaca cagctcgca aattcctgta 26760
 gtcgttgtct tctccaggtt tccatttctc acaaagaaga gtctaccctc gtagaagaac 26820
 actaactaaa tgaatttttt taggcgaacg cttaaaaaac tcttttactg gcacaccgcc 26880
 tataaaaacc cccaaaggaa atttttatgt aaccacacag aaccaaaaaa agattaaccg 26940
 ttattagaaa gtgttcgttt ttaacgattt ttattggcac attttgaccg ggttaaattt 27000
 cgtcttcac agatgtatcc acttctctga aatcctcact taaatatata gctaатссgg 27060
 cagcgtgtgg gcaggtcgga taaatttcat gagtaattgt taaattcctt ggaaaaaatt 27120
 tgtatgtgcg atatgttcta actatcccct gtcttaataa acattcaaaa ttttctgcaa 27180
 ttttgacaca gggaccgatc ccggttccaa ttgсgtcaat accataaata aaacctttta 27240
 aatccatcat taaaaataaa cttttaggaa acattaagtt tttaccgacg ctgccaatga 27300
 tatgtccata gtatggcata ttgtcataaa cgtcagctag aaaattccat tctgtgcgat 27360
 tagggaattc ttcttttctg gttagaaaca aaactagttt ttcatccac ttttccctct 27420
 tcaaacgaag agtgtacact ttcccactgt tagccgctat tatttcagca aacttcacaa 27480
 gattatactg tgcатgaatg agactttgca aaacgtgatc gatagacgtt aggaaggga 27540
 tgtcactatc ttgataaatc ggatcaaaac ggtgcaacc gaaataagca aagcgtctctg 27600
 ttgattcagc aagcaaатat aaattttctt tttcgaagtc caaagcatag aaacgtctct 27660
 cttctccgag aagaatgatg gttttagcag ctgctgttgt tacgtcgttt ttagcactca 27720
 gaaaaccgat gacttgtaac ctttcattgc aacataggag atagcaacct atgaaaacaa 27780
 caaaaactta ttagaacatc atgacacatt ggaaatgttt tgactgcttt tgcaacttac 27840
 ataggtcttg cagctcggtt tcactagtag ttctgaaagg catatcccgc aaaggcgaaa 27900
 tgattatttt cctactctga ggccatctta tgaagatttc acaccacta ttttgagtaa 27960

cgaagtcact aagagaatcg cgataaaagg cttgtttaac aaggcttaaa tttgcgagtg 28020
catgcctaaa tcgaactttt tgttcacttt cggccatggt gaagcacact ctaagcttat 28080
gaaaacagca gttgtgacta ggtttttata tattactgaa gcatgacgtc gctttatgct 28140
taagctggaa agttctgaaa atatacagct atcttaaaca agtctgttta caatagggat 28200
ttccttttcc tgtaaattgct gcctgatact agaaatcatg tccgtgaatt ccagtatgga 28260
aatctgggaa attccaaaat atatgatata taaattccta cttttccatg cagcatcatt 28320
aacgccgaat cgaatataca cattttcaga gctgcagttg acatactaaa atatggctat 28380
taagatcacc gtatgtcttc gatactttaa tcgagatcgt aacgaacttg gaaacattac 28440
ttttaatatg gaatacaaag acaggagagt cgctgtgaca tcgagttata ttcgggtaca 28500
ttttgttttt aatcagcgtt aactgatcaa acttagaaat gtttccttta atacaaaatg 28560
cggaagaaaa agcttacact tacctcttct ttatattgag taaaaatgga ccgcgggggg 28620
aacagatttt aacagttcta gattacactc ggtttaaatt ttttgatggc tcagtgacca 28680
ttgcacactc aaaaaaaaaat tattttcttt caggttctct cagatataag aaagatgatt 28740
atgacgttat tcaaaaacaa aaaggtaagc gaattacatg taaacattca aaatttattg 28800
tttgttaaac atgtagaaac tcacaatggt ttctctatga tccagcaaag acttgcaaag 28860
acagaaattg aaatgagcct gacagtcacg taaaagtgtt caaaaagat tccggatgat 28920
aatcgagaat aaatcaacca acattcttgt caactttgcg ccgatttact atcgacaaac 28980
agaaaaacaa aaaaagtacc attgctgatc cgccgacaag aaacactaca ccaatagttg 29040
tcgcttgggt ttgatcgagg aagctttcgt aatcattcaa gaagatgaca tttttacctc 29100
catatgaagc gctgagatct tccaattctt tgtacttgta ccaatcaagc cacgatgact 29160
tccaagtttt gcgcaaaaat cttttataaa tagtttcatt gcgtactatt gtaaagtttg 29220
gatttaagac tttcctttga tatatttcat cagataaatg aggacatatc attgctacga 29280
aataacaatc ataattaaat ttttgattta gaatttcaag tgttttgttt ttatcttttc 29340
cgacgcttct ccacttaact gcaactatgc cagatcttag ctgcaaaaga aacttttgac 29400
cccctgtcat aatagtgatg gaaccacccg aattatgacc ttctaacca cttcaagtg 29460

tactgtagc ccgagaagca aagtgccatt ttttggcaat tagtgctctt aacataactc 29520
ctctaaagta ataattgata agcactctca aatagggttaa tttatgagat gttgtagtaa 29580
gatttactag actcatttcg cgaaatcctt cagtttttaa agacaaagaa atcagaaaag 29640
ctgttcttac agataaacia ctagaattcc ctattagcat ttcattaaca taacacgtgg 29700
tgacacaaac agcttctaata ttattatcta gaaatattat attctgggtga catttcaaata 29760
ttgacatgag tgtgagagat aagcaaatca aaaagacaaa aaacatcatc tcttttccca 29820
tggtccttta taaagacttc acaatttctt caagaaagtc cacggtactt ctataaaaaca 29880
aaaaaaacac aattaactat tgatgaacat tgcagcattt ttccaatgca ttgccatata 29940
taccgccgaag aaatttttcc tttgaaaaga tactctagat gtgaaaattg tgttgaagaa 30000
agaagttccg tcttagtgga catacattca aacgcaggct cagggagttt ttgaatgggt 30060
gatattctgc tatcttggtc tttccccctt taaatggcca taaaaaagaa attatcagtt 30120
aaagacagcg aaaaatttaa aataagtaaa aaacaataag gcacctactc ggtaaattgt 30180
tcgaaattca ccgggaaacc cgaagttgaa gtgtgttcca agtttttcag tggcgagttt 30240
gctatttctt cataggtttc caatgagaag tttgaactct cttctagcat atctaaagg 30300
gctgtctctg tctcgtagc tgtgtttacc tctttatagg gatacatttc cgctgtgggt 30360
tgcggtttgt aacaccgttc tttaaaaaaa atgtcatttt gtgatgtttg agtactgcga 30420
gtaaaatgtc cgagtcccgt ttgcgtagat ctggacacta aaattgtcac accagggtga 30480
tgacacattt tgtaaattctt gcaattattt ggaagattgt cattttctga gtatcctatg 30540
gacatatata ttttttctgc ctgtgtctct ctatcattcg aaagcttggt accaggaaga 30600
actctttgaa atcgcgagc tagttttcca ctaaatattga ttgttttttg tcgtattcga 30660
tgatagtagt tgataaatct ttcattggcat tcatctctcg acatcttctt tgacatgcc 30720
tgtgtaattg cattttgaca gctaaattcc aatttcgtgg tccagaaatc ttcaaattgt 30780
ggcgataaat agaacatcac accatcttca taagcaaaca catgctgaga caaggacagt 30840
aaaaaaacta tttgtcttcg cggcgtccca gaagctgaca ccattcttc ggcaacccca 30900
aacatcacca tctttccctc aaatggataa aatccgatgt taactaaacg ttttaagtctc 30960

ctttctggaa gaatgtcagt catatcacia attcgaatat tgatacacat tatgtgttga 31020
atggacacgc catccttcat tatttcttga actgtttttt caaaaaactt taaatctttc 31080
gaagctgcaa ttaatttttc tttgcagcgc agcatcgtcg ttaagccaca ttccttagac 31140
ataatcgtct cttcataaaa aatactgaat tttaagcgta tatattcaac cccccggata 31200
tgggcgtgga aattaataaa aacacttcaa aaagcaaact ttttattgaa actcattaat 31260
gacacatgaa atctaaggtc ccgtgaattt gaagatctgg agaatcctta gacaggcagt 31320
ctgaatctga aatttccatt ttttcagttg cacacaaatt ttccacagat atataatcac 31380
agggatcaat ttccatgatt actttaacac tatcagatct atcaagggtcc ttacgcttat 31440
taagaacagc cataacatgc agccaaattt caaaaaacat ttttttaaca gtgattatag 31500
aaaaaataaa ggcaagtata ggaatgatta aaagtatcca aaaaacttca aagtaattcc 31560
cgtgttttga agttttgtga aacaaatttt gaaaatattc atctgaatta ttaaattcaa 31620
ggacgttaaa agagtaatta catttttgat gaattaccac acattgataa ttagcggact 31680
ccgtgttaat agatttaaaa aaaaagtaga attttttccc ttttaagatg tccgatgcca 31740
aatattcttc tgtcaaata tcaggaacca gtttattttc tagcttccat tgaataactca 31800
atcccagtgg actataaagc tgcgccgaac acgttatggt agatccacgt tttgtgatgg 31860
acaccacagg tggccgatat ccactctgac cgaagggtcac atgtgcagaa aaatctgcca 31920
gttgtttaac acaaaactgc tgcacataaa atttgagaat aagtaataat tcaacattag 31980
catacatggt ttcgtcaaaa ccactgctag aaaaatccaa cagggtgaca ttcagtgtcg 32040
tgtcattatg aacttttaac aaataatgac ttttcaaaac ggtgtcaatt tcacaaatga 32100
attcagcgtt aaaattgtgg tgataatgaa cactgcgatt cctatgtgac cagacaaaat 32160
aagagaaaat gctgtttaat gtagattcgt ccttggttgg agaaaagacg taagacaaag 32220
cattaaattt cglttgaaaa tctgtgagga aagacgaaat actagtattg ccgacagaca 32280
gattcttata atgtgccagt tcatagttat ccatcatcaa ttcataatttc tcaagatggt 32340
ctttattgat tattgacatt gtcaacttat gtgccacata tttggtaaaa tgtacaatga 32400
aaactaaaag acatgttttt ttcacaaaca ttgctgtttg agagattctt ttttaggtaa 32460

cggttcttgt ccaaacatca agtttgtag attgattatt ttctctgata ctggttcttt 32520
 ttgtatgtgc tgtaaaggcc acgtcagaac tttctgaaca ccgtctaaac aggaaactcc 32580
 taataaaact accgctgtaa caaatgcaag gaataatata gcaatcaatg tgtagcaaag 32640
 catgtctacg aaaacattac tagacgtttt ttcactatct aatagatcca aatccacatc 32700
 aggtaatgtt acctgtatct gtgttcctgt gttcttattc gtacaggtag aaacatatgt 32760
 ggtcatttct actcttagaa aaattagacc ccaaagcaca tcactaccat acaaaggagt 32820
 aaaagcaccg gtagagttga aaccaactct tttccactct tctccaaacg gactttttat 32880
 cttttgcaga acttctaagg agccgaaacc gctaaccacc catcctgtat atttacaac 32940
 tgctaccttt acaccattct gtctaaattt cgaaaatgaa caatctatgt tattagttct 33000
 atatcgttgt tcatttcttt gttcaatcat aggattaaag ccttgcttaa atgtagcttc 33060
 gaatgttttc gcgagtgata ggtactttct ttgccaaaaa aaaagttgat tgaagtcatt 33120
 ttcacaagaa ttgatcagaa agtttttagc gtgtgtcaaa gtgtgccaaa ttcgataagt 33180
 gaagggatca tcttcaccta aatagttttt aatcgctacc cacgtgctgt ttcttttatt 33240
 ttgcaagtag aatgtggttt caagaattct aggagaaatt ccagtttcat tcatacgtct 33300
 cagacggata aaacttttaa agggatgaaca gataatttga atatgaatgt aagactcgac 33360
 atcaagacag agtttatcat atcgcttcat cagtcctttt gtttttttaa agttcttaaa 33420
 caaaaaatga tttagtgtag aaaatacttg ataacagttg aaagccaaat atttgccaaa 33480
 atcggtttca atttgcgttt cgctgttgcc aaaaaagaaa gcattgtctg tcattgccgc 33540
 gactgcagag tgtctgattt tatcgtctga acattgtttg ctcaaagata tgcgaacaa 33600
 tagcaaatca tccactgtag cattcacatc aaaatccaca actgctaagg gacagaaatc 33660
 cggatagagt tctccataaa tcacaggaac gcaaaacagc aagatagtcc acatgttgaa 33720
 ttagaaaaga gtgatgagaa agaaagcttt tatttcttaa tatatatattg acgactgaac 33780
 gtcacagtta cgcccatctt acggtgataa acgttagggg ttccgcaaaa atgtgtgcat 33840
 tgatctttct gtgatgacac agtggttagc aaagcacatc taacataata agtctgtttt 33900
 tctcagtcat aggattccac aacaggataa gacatttgtg ctggtctgat tcctaattac 33960

atgagctgta ttacgccag aattttgttt atttccttta attaccctca aaaaatgaaa 34020
acattgatga aacatacttc ccagtgaaac gctttcaacg gagatcatgc gttgatggta 34080
gataaaacac aacaaggaga actttgcca aaaaaacatt tattaatccc agacaccaat 34140
aaaggcttgg ttattgtatg catttttcgg tttcttagaa tggttgcgtt tgggggttttt 34200
aattagtaaa actaacaacg ctaacgctac aataccaata aaactaactg ctgcaattaa 34260
aatcacaagg aacaaaacga acttttttaa agggctattc aaaagttgag gttttgtcag 34320
ttctggagtt gaaattgtca gtgtgaaaaa .ttcagatgca ttcccactgt tttcatgatt 34380
agtagtactg cactggaga atgtcgaggt ctttgtaaaa ttaaggatg tagattcgac 34440
attctcttta gttgttgca tagtcgtagg tataactcata gacacagaca ttaaatcgct 34500
cgtactctct gtatctgatg tgattgacgt ggaactaaaa tctgaagttc ttgacatttc 34560
cagagtgggc gtactagaaa cagtactcat gttaacaaag gtaaccattt ctaaaaaaaaa 34620
taaaattcca aataacattt taaacactgc gcaattagaa gaagcctagt ttaatattgt 34680
acgtgtgccg actaaattac tgtttttaag caacgcaaaa aagtgctgga atcgggtgtaa 34740
aattcagggc ttcgtacccc catatcgaac attgaagatg tgtagaataa gaatcagaca 34800
taagataacc gatattatga gacatgccag tattataaaa gtccctcttc ggcgcacatt 34860
tttgatttca gaactagaag ttgaatttat tgttcttggg gatagatttt cctgatgcaa 34920
aaaaacggaa tgatcgtgga acatttgcaa cattacatca ttataagaag gtggcgggtgt 34980
ctcatgagtc atcttctagg gatatttaga gcacctgata aatgataaca tattctctgc 35040
tattgaagga cttatataat catgatatgc aatgcaagcc aaaataaaca gaacaaacaa 35100
ataataaatc cctttccaac aatcttcata ggtctctggg aaaaaatggg tgtacttata 35160
aacattatg tgcagaatta tttttctac caacactttt ccatagtaat ggttgtttaa 35220
atatgttctt ttttttctt ttacaagtat ttcccatgg acagttgatc tgccgtgaaa 35280
gctcttcttc cacatttcta acatcgtttg ttctttcaaa ccaataccca tgtagtcgac 35340
gattttcatt aaatcgtaaa caaccgattt tcaaaaattc agttatgtta tgtgcgagaa 35400
aatgatttg ttcatcatct acaccaaaaa ttttccatt cacatcgaat attatcacia 35460

gttcaaacca cttcccaaaa acgttgtgtt ttacacaaaa aagaacatct acaatgttgc 35520
aacgaatgac ccttttccaa cgggtgaaggc cttgatcagt ataagggtgc atgggaagtc 35580
tgcaaaatcg tgtgtatgtt ttataaggac tacttttcaa tataaaacaa acgtttatat 35640
tttcatccct ataaatgac atatcagaga aagatttgct atgctccacg attttgctac 35700
cagtttcaaa gtccacgata aaatcacaca attcgtagat ggggtagaaa aacttcaatc 35760
ctactaaaaa gaaatcttgt aagtttgatg aaacatagta aagacttttg tcaaaaaaac 35820
cattgtagac atacaaatgc cctctgtcac cttgtaaaag aattggctct ctgcaagttg 35880
attttttaac atgatgtaac acaccaacaa cgatcaacgt tttttcacia cacaagtaag 35940
tgtttcgaat ttcttcgatg tcttcctttg aaatttctgg gattgtttct aatgagtga 36000
atgtaactcg ccattcttct gggaaaggca atacgaaaga tgtaccttcc ttacttaaga 36060
tgaattcttc gagaagagta agtttattga cacagcacia attcgctaag aaatccatgc 36120
ttcagtttta aaattacca agaaaaaaca aaggcataaa tatttcaatt tttttttatt 36180
tagcacattt agaagctgca aattttcttt agaaaaaat taciaagcaa gctgaacaat 36240
aaaaaagggt caacaaatcg cctgtaaaaa tatcttttct acccactgtt tttgaaattt 36300
gagcaaatag agcgctataa cctaagccaa gaaagaactc aaacaacaat gaaaagaaac 36360
aatgttctgt tattaccct gctaacaac acagaatact acacagaaca agttgatata 36420
gttttagtgat aaacaaatta ctatgtaaga ctgccaagaa aaataaatgc tggcaacttt 36480
ttcttggtaa atacaatttt ccaaaccaaa ccagcagcgt taagggtaaa aattgcagca 36540
aataaacaat aacatctttt atagccattt ggtacgggcc attcggttta tagatcggtt 36600
tgtatcgctg aagacacatg gcaaactgat gagagttaac cagaaactta taactgggta 36660
catatggcgt tatcagaaac actgtaacaa gcaatctgta atgaacaaa tctgatattt 36720
ttaacacaat ggcaattagg gtgccgaaat aagatgccat tgaatgcgtt ggaaatatta 36780
gcatgcatct acagactatg gctctcaagc ggatttcaga aaaaaataaa aacgagcaga 36840
ttaccaaaaa aaattcatcg gtcatttgca acacgagtaa tgataaagtt ataattttga 36900
gatcggtgaa aggacaatag ttaaacaat tcacccgacg gtaagtcaat agcaaacctc 36960

cgctaaaaag gaatattagc actacttggt caaacagcgt tttctttatc ataagatgga 37020
 aacagctttc tcccggaatt acattcccta aaacaaggcc catagaaaaa cttatcatta 37080
 cattccacat ctttgtcttt tcgaatttgg ggtatagtca aaatgtgcag aatcgtcact 37140
 ttcgctgtcc tctttctcat taaaaaaatt tgttctgtg ccaccatttt tagtgggcac 37200
 catgtaactt gtaattttgt gttgcgtttc ctgtttacaa aaaaaattat ttccttcctc 37260
 caccttgtga tttttctctc ctttttcctc tgtttttgct tgacgttcaa attttgggtc 37320
 gtctttaacc tgctcttgac ttaaataagc ttctacggtc agaaaaacat ttttagcgat 37380
 taaaaataat ttgtattctt tgccagctat tgctctaaga ctacacgaag actttaaaac 37440
 tgcacaagta ctaaagtctt gctgtagatt tttggaagat agtacaagtc tcatgcattt 37500
 tgcgtcgtga aacacaactt tcccgtatg agcaaattct atttcgttta agtcgggttag 37560
 aaattttata cttggcgggt taacttgcac aactatttgt gccaacgtca tttcattttt 37620
 attactgctt ttgttctttg tgaccggagc aagccatttt aaaatctccg ttacagttga 37680
 atggtccaag tctattcgaa gtgcagattt tccgctttct cttacaattt cttgaccatt 37740
 gacacaagga atagatgctt gtgcacaaat atctgatgcc gtgactaaaa accgcgtata 37800
 gagatcgcta tcatgttgaa tatacagttt agtgacatca ggatttgata taatgcccac 37860
 aaaactatca aataatggaa caaagttatt tatcgtttta gtcgaaaaat gatctgtatc 37920
 ggttatatat aaacattctg catgaataat cagctttaaa accaaatggg tttttgcaga 37980
 ttgaattatg attgccgggt gaggagtaaa agtaactgta gtattttctc gcaaaagctt 38040
 tgcaaaagct cttagaggct tattgattgt tttccaagtt ttcatgtgaa aagccatggg 38100
 gggaggctct ttggaatctc gatgttcgct atgatctcgg tgactatggg gttctctggt 38160
 gctacgatcc atgctgcacc aaaaatagat attaacagga agagttgtat gagaatacta 38220
 aaaaatcaca gagatattca aaccattata tactgtgttt ttttggcgcc aaatttttat 38280
 tacatcactg aaatacatgc atagtactca tcaccacacc atcagaaaaa ccactcagca 38340
 aatcaaattt ttttgatgga ttgacaccgt cacacttttg atttttatac acagcttgat 38400
 aaattcctgt tttaaacca ttttgataga aacatactaa aatgtccctc atattttctg 38460

tcttatttat gaaaaataca ttgcttgtc catgatctgt aaacggcaac gcaccgacgt 38520
acatatttag catttcattc acagaatagt caaaagcatt gagaaaaatt gtcatttcct 38580
gcatttcctc ttcggaaaat aaatttttgt tgactttgga cacatcataa tttacagagc 38640
ttaagtactc taaatgggtt tttaatctgt ttaagaacag gccattgtac actgggtatgt 38700
ataatgtctg taattcagta gaatagacag acagatcact atggaaaaca ggattaggat 38760
gcaaaacttt tatactagat cgctttaaaa tcttatttcc ctctatggga caaaaagatt 38820
gtgagcaatt taacaaatcg aactcttttg acatggccga accagacaca aagggttagat 38880
ttctaagccc atattttttt atgtcgtctc ttaaattcgt ccataaaaca tttggtaatg 38940
tatattcaac attatcatc aaatcgcagt gcaaaatccc ttgtgcatat ttggatcttt 39000
gaaaaaaact gcaaggttcc gtcctttttt tgcaacaatt catacttggt ctaacactag 39060
aatagtaa atgtctcgcat actattcgat ataattggca tccaagttga gaattaaatg 39120
gcagattcat tgacattaat gctgaatgta atccagtaac acagatagcc aagcttcttg 39180
cattgactat tccatccatt aaaaaatccc tattttccaa agcataatct ataacagcat 39240
tcccaatcaa aactaactca gtcactgttt ttctcatttt ctttaaattg aaaattttat 39300
ctctataatg aaacatatct atgttagtat gggacttttg ttcttctgaa acgttttcga 39360
caaaataaga aagatttaag gcaattctga aagctgtatt caggccatat tcaaaaggaa 39420
ttacatccat agaattttca agacagtagg aagctatttg aggtaacatg gagtacttat 39480
gtatattttt cctaaagatg aatcccatct gtcctctgcg taggcagcga caaatattat 39540
ccagcaacgt ttcagttttg attctggcat gttcagcggg gcgttcacat tcaagatatt 39600
tacttgtaaa atcagattca tcatataacc ctaaattaat tgccagagct ttgtggaaaa 39660
ctgaccaata agaattttca gttttcagcc gttccataaa aatttctggc agtattagac 39720
aaaacttgac ttgaacagtt gttggcaaaa tttcacagaa gtccagccac attaataatg 39780
acaggtgcca aatttcaaga taaattgtta gaccagttgt tttatttgtg tccttctcta 39840
caatttgtaa ctgagacaat agcaattcca taagagactc tgctcgtag tgataacgag 39900
tcagatttac actaacatat gatccattta acatcgcagg caagaaaaaa cactgttaa 39960

tgtccaaaaa atcttccaga gaaaagttac tcacattatg aaagacagtg tcaaaaacac 40020
 tctttttttc agacactaaa cccaaattac tcatacaagg aaaaggtaac atacaaactc 40080
 tcttatacaa taaaatcaaa atttcttcca ctagagggca tttgtgacta acaaaacttt 40140
 tttgtaaata ttcgattttt tttatttgac tggccaatgt cacactgatt cttagaaaaa 40200
 tcgttgggat gttttcttcg attccgttaa atgaatttga aatctcatcg agaaatctcg 40260
 atgcagctaa tactcctggg gaaaacttcg ctctccagac atggatagct gcttgcaaga 40320
 ttttttcaag ttctactttg gagtcacgta caaattcaat caattctttt tgtaaaatat 40380
 tttcactttc taaaataagt gagatggaat caaattccga agcagagttt gttttgagat 40440
 agaactggcc taacaaacga tcaacgtgcg gtgcatcatg cattgctccc agtgctgaaa 40500
 ttatggcatc acgtaagcac cacatatcta agcccgaatt taagcgccgg agaatttttg 40560
 aaatttcata taactgctta taaagaagag ttttgtgatg gaagcgtgaa tagcaaaacc 40620
 gttttttggt atattcatca tgacaaagac atttcctcaa gagacccatg tttttattta 40680
 tggaaacttt attgtagga tccataatca caagaaaatt tttctttcac acaattcgac 40740
 aaagacgtct ttgagtctta taatggttaa tgagataccc tgtaagtcta aaattcctga 40800
 ttttatgttt tgggttttac aatgaccaat tcgttgaagg cttccaaaat agtttagatt 40860
 tccatcaccg ttgatcaaat agttcataaa cataaatcgt tctttggaaa acttgtttct 40920
 taataaatct atcaatactt cttcatgtgt cagctcagat aaaacaatgt agatcccgtg 40980
 ttctatttta ttaaagtctt gcctatagat ataacagagg taaatgtact gaattgcatt 41040
 ttgtcttggg tcccagtcag gttccaataa taaatctttc aatatgacca atccatatat 41100
 attttccttt cttacgtcat atacatgacc ttgcattaca caggatatta gacaattagt 41160
 cccttgagag atataattag ttactccaaa caaagacacc ttttcttcta agtaagaaca 41220
 actatctaac attgtgttga tactgtcaac taatgaagtt ttatacagat tagctaaaga 41280
 agtcctcgtg cagaaagaca cattgaaggc attcatggct aaaaacaata cactaatcaa 41340
 caaaaatfff ggactctccg cgtctgtttc aagtctgaac ataagcattc ctaaattggc 41400
 tcgttcaggt cctaaaagtt cgcaaggagt aaaacttcgc gaaagcacac actctttggg 41460

aacaccaaaa gctagcaaac ttctgatctt ttttttctca ttttcaatga gattatttaa 41520
 ggaagtttca tcaattgtct gatgtttcct tttttgaagc atttccattg ttcgcaagcg 41580
 aaatggattg tacaaattta caatttgagt caatattgaa tttacttaaa acagatgtgt 41640
 ccgataatac attcttaact ataacagcga aaattgaaat tttttctctt gcggctgaaa 41700
 gtatcacagc agataagata ttgtcatttg cgaaattatt accaatacac aattatcatt 41760
 tcaactttat taaaaatcat atgggtgtttt atatattaaa ttatagtact ctaggatttg 41820
 ccaaagatt ttcaatagct gaaacactat gtagagaatt aaaaattttc cacagaacat 41880
 tccaatcaac gtctaaatta caaaacttaa ataatgcaga agtcctttat caatttgaaa 41940
 aacttattga atccattcaa gtattcaagg cggaattggc atcgcttatt ggtaaacttc 42000
 tacgtcaaga aacaatgatc tatgacaaac ccacagaaaa atcagttaaa tatgtcatta 42060
 ttcagcaaaa tttgataaaa attaataact taattcaaga ctgtgaatcg ataaaaaact 42120
 gtagactcat agcggagctg atagatgaat tatatcaaaa agtttatagg tggtttatgc 42180
 aaattttcac atacgacgat attattttcc ccaatgacaa tttcttagat agacttttaa 42240
 aaatggattt ctgctataca tattacacgg catctaatac gcatttatta tcactttttg 42300
 aacagacaat tgacaatcaa atttttatcg acccttctcc atacttcgaa ataaatccag 42360
 tatattctcc cgaattacaa tttatgagca catttagctt aaagatattt tcaaaaaata 42420
 tttcagcgaa aaacgaagat ctatatattt atccactttt aaaaacaaac ttttcatac 42480
 ttacctttct gagtttagaa aatatttttt tccatcatgg atttatatac cacatcttgc 42540
 atagaacaaa tatcacacca actgaagaaa aaaaattagg aaaaataaat ggattcttaa 42600
 acacggttat tcagcaagtc ctaattaaaa agaataactt acaaatcact ttcccggagt 42660
 tgcttgataa aatctatcat ttgcatagaa taggcttgaa tatcgaaacg gcacaaattt 42720
 ttttacaat gttaacaaca tacaaaccag cgacgacaaa taataagttg cagacatttt 42780
 tcacgaattt ttcaataata attttttcgg catatatattt ttttctatgt attgagttat 42840
 tcagcccaac ttttattttc cataataaaa aaaaacttat cctcgagaaa caaaaatcca 42900
 tcataactaat tctcggtgaa cagttctctt tcatttggaag agaggtaaag gaaattgtag 42960

atttggttatt tagtagcaca gttacagaaa cctatttcaa attttattct aaagggtgccg 43020
 atgactacga aaaagatttt ctttataaag acttaatgga aaaatgggggt gaattgtttt 43080
 tcccattaac ttattcaatg acaacgccac agaaatatac cgacaagcat gtatcaagta 43140
 cagttttgaa aaatttatgt gatacagcat atcaaagtaa gatggaaaca gcgtatgaaa 43200
 gtctattacc atatattact caccagagt tcaaattcat ttttattaca cattacgtca 43260
 gaccttcttt gtcattaatc acaaacttaa cctttgaaga aataaaagat aatcgaagat 43320
 tactaatact aatattcgcg tgtaaactgc taatgccatc aaattatctt ttatcacatt 43380
 acttattatt gttacacgct ttcacactac aaattttcaa agtagatctt ggccattttt 43440
 caattataca tgcaattact caaaaaattt ttgacaatat taattctctg acccaaacta 43500
 tttttattcc aaaaacaaat tttttagtca gccttttatt aacagcatac actgtgcata 43560
 tgcaaactta tgtgaatcct tggatacaaa aaacaatcag tgaaaatata gcccttctta 43620
 aagaatacat cgatttcaca aagaaatggt caagtacttt ggcaactacg tgctatttga 43680
 acttagaaaa ttttgtagta aatatgtatt ttgggaaaaa caaggttgga agtacttcac 43740
 tatcagcttt ttatagaact tgctctaagc taattgagga atctaaactg tttaaagata 43800
 ggcttcaaga aatcaaagtt tcaaaaacat tgtttataga gatgctgcaa aatgttgtga 43860
 aaaacatcac aaaatttaag gatttagtct caaatcaaac tttgcaaat tttataatta 43920
 ttgttgaaag aatctcctct catgcaaata caacatatca agatgttctc aatagcatag 43980
 atgaatgcca tttttcaaac atgcaactta tccaatcttt taaaaacatc gtgtatgtca 44040
 ttgatgttct gaatactaaa aacatcttta acttttctct cgcatcacia ttaattgaag 44100
 cgaaaaaact tgtaaaaaaa caggacacct ataatcaatt aaatgtgcaa gatgattttg 44160
 tcactgtatt aaagtcacat ctaaataatc tgtttgaaaa gcagaagcct acaattaata 44220
 ttgaaagaag atttatgtta gaaggaatac ccgacataaa acagattcca ttcttggtg 44280
 tttttgatga aagatataga ctaataccac aaattgaaaa gtatctgcat tggtagattg 44340
 catatagtga agctgctgag gctgatttgg tcgagccttt actcttaaaa ctggtttaga 44400
 tgagaatcat agcaggaagt acaaatcaaa acgatcctaa atacggacca agagccggaa 44460

agcaatgtat gtcaaattgt ttttctttct tgcatacagt ttatttgaac ggaataaaca 44520
 atgtgttaaa taaagagtct attgacataa tcatggaaaa tggagcatta ttggataata 44580
 tcagtacaac gacattgaaa ctcgaaactg gcaatatccc agaatatcga tttttcacag 44640
 aaatcccaaa aaaaattagt tctaattttg gcgaaacaat acatgaatta tctagaccct 44700
 ttaatggtac cttagaatca caacatatag ataatgaagt ttatcttgga ctgttagact 44760
 ttctattgta tgggaaaaat aagaaaccag cttttattgt catcactata ggggtaatgg 44820
 cacgagctat atttatagtt gatgaattgt tttacctttt tgattcacat gcacagaca 44880
 cagaaaactc tgcagccatc tatatctgtg aggatattga cgaattatat gctctattgg 44940
 ccatagagaa tggtgcgga ttttactatg atgcagtttt ttcataatttc attgaaacga 45000
 ctgatttata tcttgaagac ggagatgcaa caattttgat tttaaagact tacaagatc 45060
 cagatatagc tcttagtttg aatgattttt tatcaatgta ttcactaca tcctcaacaa 45120
 agacagcggg aacaaacact ttaatttcaa aacaatcacc aagcaaacgc aaacaagaaa 45180
 aaaccagtct aaattcaa tctctagaaa aaaaaaggaa gcagggtca tcaactcaat 45240
 actataacaa tgaagtagat ttagtaccaa gtttttatga gcttagacct caatttaaca 45300
 atattttatt tgagctttct aatttcccaa ttgtaaagga aaatgtaa tggacccttt 45360
 acatacagaa atttgcaaca aagtctacac agccatttac aaaacctttt atatggaata 45420
 gggatttcca tctattttct caagtgggtg acgccttaat tatgattaaa aacgatcatt 45480
 gggatgagac acaacagcaa aaacaattct tcacacattt cttgccgttc aaagaatttt 45540
 ctgaggaatt tgaaaacgct ctagaggctt gccgagaaaa taatcttgat ctaatattgc 45600
 tttataaaaa ctatctttcg aaaactactg cattcaaaaa ctttgaaaga attttattaa 45660
 cgaagtttag cgccattgtc agtccggtgc atgaaaaaca ctacacgctt gtaaacacat 45720
 ggctaactaa cttaatataa aaactagtca aacatccga ggataccaat gctttcatca 45780
 atgactacgt gttaaaaaac cccttaaate atttcatttg tttgaataag aaggaaaagc 45840
 agagcatcgc tctactactg aataaaaaaa gaatgagtat gctaaaagat gtggaaatcg 45900
 aaaagaatgg ttttgttcaa ctccaagcat tcatcgagaa cataggagaa gctccagcaa 45960

attattttaga tccggaaaat gcacgcaaag tgaatggtga agaagtctca gaaaaagaca 46020
 tcccaacatt atccacagat aaagttttcca tacccaatga aagtatgttc acatcaaata 46080
 aaaaacacag catagaaaag ttaatacatg ctaagctgaa agccattttg agtacaatgg 46140
 ggcaaagatt aactagaatt attcaagaaa attataataa catcgctgca ggttttctgc 46200
 cgggtgaacga tcttaataat ctgtttgcct atttgggtcaa actctatttt gatgtctata 46260
 gcatcaccat taacggattt gtggttgaaa acgaattgat aaaaaatatt gaacaaattt 46320
 acgacaatac gcaatatctg agatttggat tgacacgctt caatatgcaa aatttgacac 46380
 cgtttactat atctgtccgc aaaatgttcc tggatttttt tctatcacia aaaactctga 46440
 tagatagagc tgaagaaatt atagagaacc ttgagtttaa atcagttaca ccagaaggaa 46500
 aacaaaaact tgccacaaaag aatatgctca gagaacaatt agaacagttg aatgctatgg 46560
 atgtggatga tacaataaat ctgaaaacag acacattaac acatcaagta ttattttcag 46620
 accaagaatt acgcatgata caagacttca ttttacaact ctccattcac aatattccaa 46680
 gcattaactt tgtgaaatct ttgaaattac atattatttt agaaaaaaga cctgatatac 46740
 tattagctct acaagaaaaa gtccagaata ttctatatatt ttattttcaa gatctagtta 46800
 acgagatacc tgctcaagaa aatgttttgt caacaatggt atttataata gagctttttc 46860
 cagccgacag tagaatacat ctactagaaa ccggatatat ttccagacat attgtaaaaa 46920
 aatggctaaa catgaaatca ttgcaagatg ctgaggattt aattcgattt ataaatatta 46980
 ataaagaaca actaggaaaa tttgaacatc agccattttg aaaagaaatt caaaaactaa 47040
 ttgaaaaaat acacttggtc tataagcaaa aagtaatcga gtatcaggaa gatgtctgga 47100
 gtgaaatggc taaaaatata attttaactt caccctctga attatctcaa tttttagctt 47160
 cagctcccac tcaacgtatc atacaaaaac acaaaaataa tttagatcag aaacttttaa 47220
 tacatatgga aaaccaagcc aagcaagcaa tggaagatga caaaaaaaga gttgcctggt 47280
 ctaaaattaa tctggaacga cacctgaatg atttactgct cttattgaaa gacagacaat 47340
 ttgcttccat acaggcttct gttttgattg tgtgcgaaaa tatatttaaa acgataccag 47400
 atgataacct aattattcaa ttttcacatg ctctgctttc agttttactt gacattgaaa 47460

aggatttaaa aagctattca tcagaaatat tagagaaaat actaataaat agggccctcg 47520
 aaaccagtag attattagtg tttaaagacg cttatggtaa tctgaaagag tttttaaacg 47580
 ccttaaaaca atcacttttt gccacagcgg atgttcaaaa caaggctgat tttcttatcc 47640
 aaattttaga ttttacctat aaatttagac ataagacaaa taaaggtaaa cttctacatt 47700
 ccatttataa tgaggatttc aaactatacg aagaaacatt aacagagtta agaaaaaaag 47760
 caacagatgc aaaagagtcg ttaactaaac tttttaaaagc atccgaacaa aagatcgagc 47820
 tgtcgcgtac gattccgtta aaggaaatct acctgaacat agaaactggt aatttccaag 47880
 gttatggcaa cgtagttttt cgagaaagtg cttttaaacg cgcaatagag gtagaaataa 47940
 aaaattacga aatgaaatta aacgatctaa taaaacactt taattcacac ttaaaaacaa 48000
 aaattgacca catgcagatt cttaatctat cttttgataa caaatggaaa gattttgtct 48060
 ccaagtcaaa aatatctttc ccaccagaac tgacaataag ttcacaagag ttgatcaagg 48120
 atcccattaa agttataact gaaactctaa acaaagcctc aaacgattta gcgtatgtga 48180
 ttagtgaaaa aatattgaag tggttaatag tttttgtcaa agaactgaat accttttttg 48240
 tagctacaat gtcagaattt ggagaagtta tcccctttga ctataaacat ttcagagctt 48300
 tggaatacga aattaattct aagtacatag agattgaaaa taaaataatc tgcaacgaaa 48360
 ttatcgaaaa tactgacaat atagaaaaac tctcaacctt gataaaacaa atagatccaa 48420
 atcgtattgc tggtggtaaa cagaaatttc aggattatct gagcaaaatt ctaacagctg 48480
 aaacgaacca gcaacaaaca cgctataaag aacagttaaa aaaacagtac tttgaccttt 48540
 tagataacat cgcccatttc cggttcgcac tcgattttta ccatcaacaa aatttaattt 48600
 taaaactgaa agacaaattc aaaactctta gaacagacac tgtatttgaa agatttccaa 48660
 atttagatga tacttttgtc agttcaatga atgtcgagaa ctttttgcag gcacttgagg 48720
 cttaagcca tttcgtgcag gcagcacaaa attttctaca aaacgtttta acagagcaag 48780
 cggattttatt tccacagacg aatttcattc ctgtcgaact ttccaccgtc aaaacaattc 48840
 caaaatcaga tataaattta cgtatgaaaa tacacacacc ccaaactttt tttcagggtg 48900
 attcagtttt taatacacag ttgatagttg atgagaaagg aattccagtc caattttaca 48960

atgttttcca caatattggt ttcaagtttt ttgctctaaa ttataagaaa attatcgtac 49020
ctgataaagt gctgaactta gtatcaacca agtataagat cttaaccaca ttaaaaagca 49080
ttctgagtgt tgtaaaaagc ttttggaag agattataaa ttctgattta acttcttatt 49140
tccaagggaa agcagaattt acttttcaaa atgttttccc aataattaat cttaaaatat 49200
ttatttacat tattactcag gcctggtcag tcacatctga tgaaacacag cattcgtttg 49260
aactgccact agaaaaattt tctcttttaa ttatagcaaa taatccagag tttctttttg 49320
gttctctgca gtgtccagtg gacctagcta ttaattctct aataccctta ttggaaaaga 49380
aaaaatattt cactgcattt accatctctg acaatccacc caagctatct atggatgaat 49440
taaaaattgt gtgtttggat ttgaacacct ggagtgaat aacattagaa aaatacactt 49500
ttaaaaagaa cagtttgatg cagttatgta tgggcaaaga gaaatttttt atttaccttt 49560
tatcagcggt gggtcttcct caaaattttt tgaattacat ttggattcaa taaaaacctt 49620
cgtgctgtgc tcaggattca ttccaacaac tcattcaaga tttatgtttc gagtatacac 49680
accagaatca cataaagccc atttcattaa atctccaaga accaaatgca ttaaaacatg 49740
gtgaaagaat cctttcgaaa ttcgtgctgg aaaaaaatgc aaacacttct ctttttagta 49800
tctttttagg caagcagttt ttattagatt atctattatt ttcatactta accgcaactg 49860
aaatgacttt ttcattattat gtggattcca tcaaaaattt tcttcttacg atccgacatt 49920
tggaatatgt ccagcaaaac gtagacttta gaacgatatt gcaatctcga aatttcgatc 49980
taaaatatct ttaaacacaa tcatggacac aaaatgtttt agaacagtcc atctttcacg 50040
tgcaacttga taaaatcatt gctgacatca aacaaccaca actaagtctg aagaaaattc 50100
cactggtttt gttaacggt gacaacgaag tcgtgtcaac ttatgtgccc cctgaacaag 50160
caagccagac agagcagagc tttcgcatta agaataattt cccaaatcct gtgcaagagt 50220
atagtagcaa aaatgtgatt ctttttacga actatccaaa aaacaccaa tttttattta 50280
actctctcc acctaaaaca gcggcaaaaa gttacaaact accagacact accgatgaca 50340
taaacacgga aacattatca agtcccacga ttcaaagaat ccctatcaaa ggacttgtag 50400
ccaaagaaaa cgaaattgtc tttttaccag aaaaaaacac tgcacacaca gactctaaag 50460

agacaaaaac gcatttaata gacaccttca atatattgtc tcaaacaaag ggtgaaatca 50520
 aaacattttc tacagatttt gatcaaaca tttccaaatt aaaacatttg tacttttaag 50580
 atgattcgct aactttgcta tttaatctat gcaaagcaag catgcgtaaa aaatcaagtc 50640
 tgaaggctgc tttttcaatg tttccggtat tttgttttgc atattttgct agaaacgtcc 50700
 ctgtgacagg gtgtgaaccc atagaagaat gcaagcctag aatattcgta aacatttggt 50760
 gctttttctt ttcttcttct ttttttgaac tggtgccaga aatctgggtg atttgagcag 50820
 tgatttcac accacgtgtc gcagccatgt tgcgtgcact tagctaattg agaaatttta 50880
 cagcctgtac aaatttctcc acagtcctct agatcaagac acgtttctct gtagatattt 50940
 tgacaatctt ggcattgaaa ttctgtggag tgagaaatta gtttcaacag tttatttacc 51000
 gttagattct gcagatggat catagagtaa caagttctgc aagaacatgc aacaatggca 51060
 tcaaatttaa cactatcggt taaaatagtg caagcggaat tagttccaat tatagctttc 51120
 catgatacac tttttacttg aatgcctgaa acactatatt catacaattc atatactttt 51180
 tcaagtgtca aacggtgccc gccacataat gaacaataaa gcaaactctgt gtgcatactg 51240
 taaataatat ttttttcttg tctatctcga taataaaaaca tcgagcttaa agaaaaagtt 51300
 tgtttcctt taagcctctc tttgccggaa tttaaacaat gtccacattt agaacatacc 51360
 acagtgagat aactatcaat tttagcatat ctgagacact ttgttttgca aaaacataat 51420
 accggtaaag agatgatact tgaagttaag cttcttttca agactgtcgt caaagcaaaa 51480
 gttagaattt ttggaagttg atgtttttct tgtttgttca aaacaatcgg caccaagtta 51540
 ttattttcta gcgggattaa aaaacgatcg aaactgtaac aataattttc tatcatggcc 51600
 atggccatag caaagataaa atttccacat ggaactgtta aagaacaccc atgaaatata 51660
 tcttgatatg tcaggttgct tgctctatga gcgtatcgca gtgtgatgtc attacattgt 51720
 tcaaagttac gtaaacaaaa gagtttcata caaggaatat tacaatgagt tgaaattggc 51780
 aacattaact gttgctgaaa taaataataa tagagatcat taaaagacac aaacgacggt 51840
 atttccaaca actgatttaa cttatgtatt gggatttggt tgaatctctc cacaatttgt 51900
 ttccaagtaa gacgttgaat tttgtaaaga gccagaattt ttagaacctt gcattgcctg 51960

tacaataaat acaaatatgc caaaagcaaa aagaaatfff ttgtcatcat cattttatta 52020
aaaatagctt taatctgatt tcttgaatcc agatcacact ttaaccaaac ttttaaaaac 52080
ttccggtaga aattatcagt taaatcttta ctcaaaaact ttttattcgt tacgaacatc 52140
gataatacgc aattttcaga tttgctgaca tctccaataa gaaataactg caaatgactg 52200
tacgaaccat gtttacacag cggagaaaac agccgacaaa gcaaattcct taaagatgac 52260
atagcataca attagtaagg cggcaaccaa aaaaccacaa agaataattat ttctccgtgc 52320
aaaaatagga acagtaactg ggaataactgc tgcgtctttt gtgtttccca tgtaatttat 52380
actcctgaat gatgtcatct ctctactga cttcaactgt aacctcaatg gtttttttat 52440
gtgccttgca gctctatgtt tctctaaatc ttggcgctct aaaaatffff tctttaagat 52500
tatcgcttta agaagagcga tatactcaga ttcactctcg ggaccaaag ccacaaattc 52560
aactataaaa gccgcattct ggtttctgtc aataatgcac ttgtcagta caccacttga 52620
agaaggttta atagcttcaa tgtcattcaa acacacagat aaacactcat tgacatttaa 52680
gatgttgcat tctttgacaa tgttctgact ttcttgtttt atgggagcgt ggagataaca 52740
agacatggaa acagcacctc ccgtatffff aaaaataaat ctcgcttctt gttttgtcaa 52800
atcttcccag agactcagca aatattccag gctatatgca aaatccaatt ttaaaagtat 52860
atcacataaa ggaaatttag gattttttag aaataaattt ttatctgtga cacgaaagtc 52920
tgccgggacc aatttttaaaa cgcggcacgt ggaaagaatt aattcatcgt acatcttttc 52980
tttcaacatg tttatfffft ctttaaaaaat ttctgcagtt gtatattatg tatttaaata 53040
ttctgatgt tctaaaattc cattcacatt taacagtttc gataaaattg aagtgagtag 53100
tttgatffff tttttgataa tctccgagt actgcattga ttgctctgt gatgtaaata 53160
ttttaaatag gttaagtgtc tgtatccaac attaataaaa tgtagtcggg catctaata 53220
aggcagcatt atatcgtaca gttttggtta catagggaga aaagctatft caatttcaac 53280
tcgggaagat aattgttcat aaagaatttc tatatctgtt ttggcattgt cgttagacat 53340
ggcttataag ggatggaact ccgattcctt ttctatgaac tcagaacttt ttaatgaaat 53400
tcttttatat gcacacttag attcaagtgg aatagattct gatgatctta acacaaatcc 53460

caatacactt gaaaatgaaa ttaactccgt tgaaaaaact ttaaattattg aagaactgaa 53520
aaaaattaca actgctttta atattgacaa ccgatgcaat atatgttcaa ttataaacat 53580
ctgttttacga catgaaaccg ataaaatgtg gatctatgac tatgctcttt tgtgtttacaa 53640
atgtaatgct gcacctagaa ctcccttggc tgtcgtaata atcgccaccg aatttatgca 53700
gttgattcaa aagcatttct taaacataaa tttcgatggg ttattttttaa acaacatttt 53760
gtcaatactc gattttcatg tacacttttt cataaacagg tgtttctcaa acaccaacga 53820
tgatctatta cataatgaaa acataacctt atatcacatg gccatattaa aatcacttct 53880
attggaagac gaatctatac caaatataag aataaagaaa tttaaattaa aaggaaaacc 53940
aacgaaaaaa cagcatggaa atgctatcct tgaaaaacaa actcttcac ttaacacgca 54000
ttttacacat ttaatttttt atatgtgggc tgggacaaac atattcgatc gcatttcact 54060
aactgatcta gccatcaaga aacgccaat tttaaagcc atttactcta ctaaaaatga 54120
gctcaattgt tctgcgggac caatcctact atctcaaata ccgatctcca tctaagaa 54180
cgccaccagt agcgtatgct tattatgtga actaatgaca tcttctcaga aaaatttcga 54240
cttgctacag ttcattctaca ccagtgtcat taattactgt caaaataatt tgaagatgat 54300
tgacagaatt caattcgtac tcgcaaactt tttagattta gctagaatat atactaacgt 54360
taaaaccaca tcagattgct caaaaattgt attagccaat gaacaagaat tttcaaacctc 54420
tgattttgta attgattgtc atagtttttt aattctaaag caggttggac ctgtgggatt 54480
atacaaacat ttcttttgtg atccactgtg catagcaaac attaagacaa taaaacccca 54540
tattttattc tatacaacag aaagctgtat actacaagac ttcaaagttg caatttgta 54600
tcagaatgag tatttaaaca gtgttgaaaa acatgttttg ttagccattc atttttttaa 54660
agcatttcag gtttcaaaat taaaccacaa aaataaaacg cttatatctg atttcttaa 54720
ggatttcaca cagctcttag cagatcaaaa ctttgaaatt gtcgatccta catttaccat 54780
tcattattac gtttagcatg attattcaaa gtacacgtag actgagacga gcatttagct 54840
tgttaaagaa aagcaaact tacaacaaag aaaaaactaa cttatcttta tctttgtcac 54900
ttaaagaact ccattcgggt ttcaaattat ttccagagta tgaattgaaa tttctaaata 54960

tgatgaaact tccaataacc ggtaaagaac ctatcaaaat tccattcgat ctaagtctac 55020
 atcatcaaca tacgtgctta gacttatcac catatgccaa tgaacaagtt tcaaaaagtg 55080
 catgtgttaa ttgtggtaca acaaacattc caacagcttc agatgctatg gtggcatata 55140
 tgaatcaaat ttcaaacgta atgcaaaata gattatatta ctacgggtttt cagaaaaagg 55200
 ttgaactgat tcgtatgtca gccaaagcaac caacgctttt tcaaattttt tatattcttt 55260
 caagcatagc aagtaatttt ttaccaatca tgtttgaaaa taacgagaaa ttaaatatgt 55320
 atgttggtttt ccaaacaaga actcttcata tcccttgcca atgtatcaat cagattatga 55380
 cagtctcttc cggatacact gtacttttag acatcttaca cgacagcatt gtactacatg 55440
 ttctttgtaa aactattgag actagcaata ttcaaattga tattaatgtt cttcagcgaa 55500
 aaattgagga aatggacgta cccgatgaaa taggtgacaa gttcgaaaag ctgaaacaca 55560
 ttctaccgtt tatttaaaac agatcacaga acatctgtca ggtcacaaaa gctttgatct 55620
 acatatactt ttaaaggtag gattgaaagt aaaaactttt ctttcttaat gcccgttttc 55680
 ggaaatattg gagagatagc atttgttaca gctttcatta tttgttcaaa atatttatct 55740
 gcattgattt ttaagttgtt ctcaatagca tatgctggat cttctgctaa ctcataatta 55800
 tgaaatgttt tttttacggg ttctgtgggt gcaattaaaa tgtacataac tctatctcct 55860
 atgtttggca actcttcctt tctttgagct aaccttttaa caacagccaa atgtggtaaa 55920
 tttgcttgct tgtaggcaga aatgtctttt gataagactg aagacaaaac caaactttta 55980
 atgttaaccc tgtttaagaa aagtgcgtct cgtgcgtcac acaacttttt aattattttt 56040
 tggataccat cgggaactcc attttcatag atttcttgta ttgtcatatt agagagcttt 56100
 tcagcagact tttgtacatc gacatcccaa aagagaagat cgatgatgtc ttaactacc 56160
 actttaacaa aatcgcaaga agtcttgcca actaactcca caccttttaa aacaagcgtt 56220
 gcatcatcta actttccaat gtaacgtttc ttgcatatta aaattaatgg aaataggatc 56280
 ttttcaaatt ctaatttgat aggatgttta aataacgtgt ttgttatgtg gcttgcaata 56340
 gaaggagcta ttcttttcaa agctttggga caaacatttt tgaaagtaac aaaaagactg 56400
 tcagtatcac cataaatcac ctctattcca aatgtccctg aaaaatcacc gcgtgtcaat 56460

ccaaatttct caatgaaaaa agtgtccgaa tacatggcgc tgtcaacgta atcaacagtt 56520
 ttacaaagca tttcacgccc aagacatgtg acagaagctg ctattgccac acatggaagt 56580
 aagctatgtg ttgccccggt gactccgtag actgaattac aagtagtttt taatgcaagc 56640
 tgcttcttat ctaaaagcat ttccatcacg gggttgttac acattttcat ctgcattttt 56700
 acttcttttc ttttatccag ccattttttc aataaactcg ctaaaattga ttccttgact 56760
 gtctttttta caaacctgtg cgttacaggt ccaacatgca cagtgagaat gtcactctgca 56820
 tgtaaaccaa ttactgcatt ttcacatca accagggtag tataacacag attatgagcc 56880
 atcataatac ttggatacaa actttggaaa tcaaaaacta ctggttgagat agcataataa 56940
 cctatttttc gttctaaaaac tgtagcacct ttatagccca ctttttcttt gcctttatta 57000
 aagttagtgt tcataacttg taaaatcata tttaaatttt tagcttcgtg taaaatgcat 57060
 gggaaaattt ttttttggtg tccctcaa atcgccgcaac gaatagtaat ataagcgaga 57120
 cttgcaacct cagccatttc atagtataa ttaacttttg taaaaagctg aacaaccaat 57180
 agagaatctt gtatacaata tctgccaacc acagctctac ctttggaacc atcaataaat 57240
 ttttaggaa tttccttgta agagagattt tttttttcct gatttaaaca aagtttggt 57300
 atagtgtcta atttataatt ctgagctgag attttagatg aatacacatt atacatgtcg 57360
 aagcataaaa tcccagacat gttaacttta gttaaagaat tcaaaaactt cttatgctgt 57420
 tcgtagggaa cgatgacaga aaactttcca cgtttttagt tcgaaaaacc cctatctca 57480
 aaattatata ttttttccat tctcgtacat aaatacttta aatcgaaatt tatgatgttg 57540
 tatccagtaa ggatttctg tgatttacat tttaaaaaaa ggaaaaaagc atatagaagt 57600
 tcaaattctg atgcaaactc atagatgaat accccttcga tttgctcgca agtgcccaaa 57660
 gtaaacaat gtttactttg gtaatttcct tcagaatcaa aatcgatgac cgaaatttga 57720
 atgatgatgt caccatttg ctcagcatct ggaaagtct ctttttggt tagacattca 57780
 atatcaaaag aacaacaatc atataatggc caagaatctt cttttaacaa aaataaatct 57840
 gacacatgac aatttaattc aatttcaaca ttactgcttt ttgcaaattc ttgaatagat 57900
 agataattaa tttggtacca accaaagctt ttttaagttg tatcaatgaa gaaacgattg 57960

agaatctcaa cttctgcttc ataaacagaa acgccctcat ttagtaaaat ttttccaatt 58020
 cgattactga tataaaagtt tgaaaatgat aatttaaata aatttttgat aggttccgtg 58080
 ttataaccgt agaaattgta tttagttaca gattcaatag aaaatgagca tgacattttt 58140
 atttcagaac tattcagaag tgaacagatt ctagaattca gctctttttt acattgatat 58200
 tcacagtaga aataactatt ttgtccaaat acattgatac aaactttttt accacattct 58260
 gtttttccaa aaagttttat gacattacca gatggaataa cgaaatgtct atattggaaa 58320
 gggatgtttt ctatagaatc agtaaataat aaagattcgg atgcatcata gatatgaaat 58380
 tttaaaggcg cacgcaattc ttttctggct acttgagaaa gcgatggcca tgtcatatca 58440
 tttttgagaa tgtattgctt atcttgatag aacattctcg gttccgagtc acaaagagtc 58500
 ttcattaagc cgggtgctcc atcgtgcatt ataccgcgcg gaaaaatccg gagaaaagta 58560
 gattttgttt ttttcttagt tcgtacattc tctagatacg gattaaagaa ggacaccaga 58620
 tccatcacag ttcttctggt gaaagtttct gatagcccct gtattgaatc ctttcaagta 58680
 ggcttggtct ctgtgatttt tttgcctcag cgatttccgc ttttttatat gactcatcta 58740
 ataatttaat agctttcaac atttttaaaag cttccacttg tgaatattca ttagtgtgtg 58800
 ttatgtcatc accttgcggt tctgtgtctt tgtagttttt taaataaggc ggagatgaat 58860
 ctaaagggtc tttcacttgc gcttgaactg attgcgttgc ttgaagtacc gaatttggtg 58920
 attttgatgt ataaggaaat aaaatatcaa tcggtgtttg tgctaatacgt ttatgtctta 58980
 aaaataagaa aataactaag ccaatcactc ccaaagttag taagatagtt agtgctccac 59040
 caaatggatt ttaagaaaa gagaaaactc cattcaccac atctcccaa gcaccagccg 59100
 ttacaccag cacagcccc aaaccaagac caagagcgcc aagaccttg aaaaatgtgt 59160
 caatccctcc tatatatggt ggagtaacag ttgcaatttt tgtttctata tgggtgtagcg 59220
 cacttttgta agaattgtat tctctaagaa tggtttccaa atcaaaaacg ttcgctttgc 59280
 tcagttcatc ttttgatatac aattccaata atgtaaaatc tgcattttct aaaggatcta 59340
 tgtttaagtc aacaaacgca tctaaagctt ctatttctgt tatcaaacta gaattaacgt 59400
 acgtatagtc tttaaaaata tgagcgaatt taccagacaa aaaaattttc gtggttagatt 59460

gttcacattc ttctgttctg tgatttccca gtaatatctc attgtctaaa ccaagttgtc 59520
 ctaaataagt ttccttcgaa gaatttgcaa atgaatatgt taacaatggc cgagaataac 59580
 atcttagagc atcgtaactt gaatcttttg tcaatctcat acttttatgt agctgaacag 59640
 aagtctgggt gacttcaatg cactttgaga ctgctaatac atcaccaatt aatttagcgg 59700
 acatggggtt accgtacact gctgaaatga ttccagaagg acttatttta ctaagctcgt 59760
 gcaacactgt gatagtgcgt ttttgatcta aacaccaggc ttcagcaagc ttacctagt 59820
 ctgtgttaat gtaatctttc agagtgtcgt ataggtattg tagttgaaca tatacgatgt 59880
 ctttgtagt ctctaattcc ctcttctcc tttttctaga agcattagaa aaattttcca 59940
 aaaccgttaa tttccgttgt attaacggt gccaaatcag aattaaatct ccctcagttt 60000
 taaaaatttc ataactacca tttttgtcat gcgaattgtt gtattgcgtt tggtaaactc 60060
 catccaaaat tgaagtataa ttgctgttaa tacaattata ttttgaatca gaaagcgtat 60120
 aattactttt tcctgtgaca aaagaagcag ttagttcctg cgcaataaag tgaaaactgt 60180
 tagcattttc tgcccgtaaa gcgtgtggga ttgtcatcca atgctttaac aaacaaatgg 60240
 aagactcttc attctgcact tcccatgaaa aaatagtatt tcccttttcc agaaaagcca 60300
 ttttagttaa cgtcacaaaa tttccttttg atccatcatc aaacgttttc agcatagtat 60360
 aattatttct aaacaaaatt ttttccgttg gttcattaaa tgttttagaa ttaataccat 60420
 tataaaacgg tgacccttcc acggtttccc ctgttgataa agcaaaaaaa tcaaaaggat 60480
 atttagtctt tgcaatgcag tctgtaacta tgcaatttat cgatgtagat gttgaataga 60540
 accagagggg accatttctt aaaaatgggt ctttagtagt tatatatctt ctgacagtat 60600
 cagatttaaa atttaacgga atcaaatacca acgttttatt cacatattca tctttatgat 60660
 atgcaacata ctctcttcc tccgaacgtt ttacagagat agaggacaaa caacgcgcct 60720
 cgggtgtttac catgtgcact tcttcaattg gcattggcaa agttgtaaca gttcgatcta 60780
 agaaatacac agtgccaaca tcgcgatatg ttgtttgaaa tgtaagttct tttttaaaag 60840
 ttctgacaga aaacgtgtgt gcttcaatct ttgttttgta aattatcaaa ataccttcgg 60900
 tagttttaat gttagagccg taagacgcgc aagaaacctc cctgtcaaaa cgcactaaat 60960

ctgtcccggt ggcaattgaa caaattcgaa atggtaaattg ctgattgtgt ccagtcatga 61020
caaagtcagc ttctgtttgt agagatagct gtaagctaaa agttataaaa acactcagga 61080
atagaatttt cattttgtct acatagatct aacagatttg gagccggtat atgggaaact 61140
tgcttagttt gtgaaatttg aacaggatcg cattgagtct ttaaattcgaa atacaataaa 61200
gagtacaaat cattaaattt tgctgtgttc gttccacgct tgaatagtaa aggagaacca 61260
ctatcaaaaag ttaaaagtat tttttcgaca gtttctgtct cttecgccaaa cttgacgatt 61320
gataattggt ttccaaatac atcattatat agtgcaacag acaaaaactaa ttccctgata 61380
aaattccaca tttgtctttg catatcgttg atattatgca aaccatcaaa attgaaaaat 61440
ttattatatg tacacagcat ccaattttcc gggtagatcg tgccttcaac acatttagcc 61500
agatcttctt tcatatgtgg taaaaaatct gcaacatcg cagcatacgc catggatatg 61560
ttgctggaca atggaaaaga agcgggtgtga taattcgaca atggaccagt caacaatcga 61620
tacatttctt gacttaaatt aggtaaaagt tcctgaggca atttttttga aagtagattg 61680
tttttaattg ataagtgatc atcataagta aatggatcag cagagaaatt tcctagtgc 61740
tgcagttgtc tatttgcaaa tgcgttcac attttcgaaa gactttcgaa aatgtgattt 61800
cctaggatat taatattcat taacttattt attaatgctt cttgctcttt gatacacagc 61860
attactttac tataaccgga ttcggaaatt ttttggtaat aagctttttt tctaattgtga 61920
atctcttggt gtaaattgtg atcttgtgtc attgaatgcg ttacgtattt ttttgggaca 61980
gtttcatgag ctgaattttc aagttcattt aataaagttt ttatttttagt ttgtatttca 62040
tcttcctctg ccagctttgt aaaaaccgga tcttcttcta agttttttat actaacattg 62100
gtaataatat caacgagtct gcaaggggaa ataaatctcg atccgatgta taatttgtca 62160
tcatttgtaa cattttcttc gttaaaattg aaaacatctt gaatagtttc accatataaa 62220
aacttactaa tttcattttg gagatcagca taaagtgaat gacaaagatt tagttgattt 62280
agagttattg aagctttttg aataacagat tctgaaattt tagaccaata ggtgaattca 62340
ctcaacgaat aaattgtatc tggaattttg ctaaaaaggt caaagttgat taaagtgttt 62400
tcagcttctt gtaaattgtg aggttttgaa tatagttgct gttgaaaaat atttgtgatt 62460

ttcgccatat actctttttac aagaccatat tgtttttgtgg aaaaatccaa atcttttctca 62520
 atgatgtcaa cggtttttttc taaattggat accatatgtg tttcagttag atgattacaa 62580
 aatttgccag ctagtctttt acgaatagac tttccttgat tgggcactaa agataattct 62640
 tcataacatt ttaaacaatgt agtagtttca gaaaaaactt ctggcttcat cactacgcaa 62700
 acgccacaca aaattgttag aaattcaata atttgactgc aagcattaat gccatccagt 62760
 ggtgaaatta agccaaaaat acaattcatc ttacataaaa gtttttcaat atcattgatc 62820
 gtagaaatgt ctacagaaaa agtcaaataa ttattaagag ccaagtccaa ttttaagtgt 62880
 tgcttgcatc cattgagttg gaatatattt tcaaaatatt tttgtttgtc attatctaata 62940
 agaaattgat gaattgaagc atcgagtaata aagacttgat tatacatagc ttttaataaaa 63000
 atctgtaaat aaatggttac aggagatgca caattaaaat tttgatgaca gagttcagca 63060
 aataatgtct taaacaaatg aattattaca acaccgtttt tcttgaaatt tgtcatatct 63120
 ggaataagtg tgacaggggc acaaaatcgt aagcactcta attctaaagc acattcactt 63180
 aaccttgaac acaagacaca caatgattgc aaagaattca tttttacaat ctagcttttt 63240
 ttaaggaggg ttcttcattt tcatgctcag tctcttcaca ttttaataata ccaaaacctt 63300
 gctcattacc ttctaccaaa agttctgaaa aatcatagat ggcagcacta tcttctactt 63360
 gttcttcaaa aactgacaat aaagttgaaa gagaaaaatc atgtacattt aaatccgtta 63420
 aatgctgaat cttgttcatt acggattttg ctagaggctc tctaccatcc acgtagaata 63480
 acatatcatc catagtaggc ttactatctc tatctttcat cacttcagct aatatgagta 63540
 gttctggatt tacagaattg gataaaactt caataatgtt gagcacctt cctcgaatta 63600
 cttccacatc ataaacaatg gcttctctct taactttctt cacaataatg tcacacagtt 63660
 ttgtagcaat cacaaatttc tgacgcataa aacggaaatc ttgcaagccg gaggaaggag 63720
 ggtttaaatt gcgatctaca ccacttccag ctatccaacc taactgacca aagtggaaat 63780
 aatctctact agcaacactc acaaattttt cgatcattaa accaaaggta ataatagatc 63840
 ttctgtgaa aatgctccca aaatttggtt cttttgttaa tgatgcagtc ataggttctt 63900
 taagtccatt ccctaccaac ttttttacgt gcatgacgta ttctgcaca gaagaaaatg 63960

ttggatgttc ttttaagaaaa actggaata acatagggtt ttgaggaact agtttagaag 64020
 ttaatgcatg caaacttggt agataatctc tataaccaag aactgataat aatttattat 64080
 gaaagtaata ctcgataaag gatagtaagc attctggttg aatatctaac aaatcaattt 64140
 catcatatga attggtgaca cgaaaagtaa acttgatgaa agaacgcatg tcttcaacat 64200
 tacctatatc tatggttttt ggcatgttat taagcaaaat acgctgcaa aattctaggc 64260
 aggatatttt taaatttgga aagagccgtt catgatattt aaacagcaaa aatgataagc 64320
 aaccagaaag tgggttcttt ttctgtttga cttttttgaa aaaaggatta ttttgttgtt 64380
 ttttgtttg cttattgaat ggtctatttt ttactcgaaa atctttcaaa cattgcatgg 64440
 aaaggcgaca gagtttagct tggatagagg ttttagcata ttaccgat ttaacaaat 64500
 tgaaatcaat gtattgttcc atgtctacat ttgaagctat ttttacagtt tcatattca 64560
 aaaaaccttt tttaaaatga ctgttgtaaa atgctccgta gagagattgg tattgttgca 64620
 ttaaccattt agaaattaag tttccagtac aaggcctatc tacaacatag cccgtaccga 64680
 ttattaaagc caagttctgt aaaacaatta gtataacttt gtaatacgtg aaaacaaaga 64740
 atggagaaaa agccaaagac agaggtgtcg tatcaatgtt gaaagattgt agacagtttt 64800
 cgatttggtc tctggatgtc tgcgtttttc tcatttctga aatacatttt gaaactgctt 64860
 cctcaatgca ttgaattaaa tcattaatca tattcacaaa atcattttga cttttaaaat 64920
 ttaaattgtc ttccccagtt attgcatcaa tcaaattatt tttcttaca taatcgtgaa 64980
 tcattcctaa gaatttgaat ctatctaagg aaggtgtggt ttgagcttct ttcattggat 65040
 ctttgctttc attaactccc tttttcccaa aagaacctag aacatctaca tctgcataaa 65100
 aacgagaaaa cattgtcata acaatagggt cttttttagt cgttttagaa atctgaggta 65160
 atctgctgtt gattctgac aatgctgttc cgatacacga atggcaacac ttaccttcac 65220
 aaaactcaca gagattagag gaacaattta cgatgtggtt atatatattca gaatttccac 65280
 agttcgtgtt ataaatagac attctgttca aattccatat tatatgcgat aagatttgtg 65340
 gacatgtcgc acatgcgtaa gctagatgaa aagcggaaaa tttatcttct ttacaagggtg 65400
 aagaattaca ctttatcaat tttctggcat cgttataaaa atcttcgtta agagatgaca 65460

aggaattaca aaactggatt gaacgcagta atgtttcttg agtgatcgca gagttaaag 65520
 cttgttttgt gttagatata taggccaatt tgttactgta aagtatcgaa ttcgcagcaa 65580
 agactaaagc agctacatgg ctagatagat ggagcctcaa ttttttcagt tccacgattt 65640
 tctcttcgtg ggtttcagcc gatttgatga tgggccactc tgaaaaattc atgatttgat 65700
 tattttcata aatagaatca agatactctg ctgtgtaact gaaggtagt tccgtgatta 65760
 cagcgccac taacattaaa tgatctttt caatcgggtga tagtttttga ccaggaatac 65820
 cgtgatatgt tttattcggg gcaagcttga cagtttggtc agtatcttgg ataaattggt 65880
 tcagaccggc tttaatcaat tccagggtat tattaaatcg caaagtcatt ccccatgatg 65940
 taaagattaa gtagaacaat acttcgctga tctgaggcgc ataaaagccg ttttcttgaa 66000
 tgaattcagt gcaagtatcg atgcacaaag tttcttccga ttcaaacaag gtagccgaat 66060
 ataacggaat ttttattgcc aagcattcac caacctggac ttgaatctgc tcttctacac 66120
 atgggattaa taatccagca aataaaagt ctttgaaacc attcccaaca actatatgac 66180
 atagaacgtc atctgcattt cttccaacac tttcacagat ctttctata tccacaggct 66240
 ttcgatttcc gttaacgaca aattcttgta gattgaattt ttctcttggt tgtttgaca 66300
 atttatcaag atttccatgg tcttctgctt cttttaaaaa aacatctgta cctgggaaaa 66360
 agaagcatac aggcataaac gatgtgattt tggtaatgac tgttccgccg taattaataa 66420
 tgggtgtttt aacggttggg aagaagtcatt tttcaaccgt tagattaagt aacaagggtg 66480
 agatcactac tgattttctt ttttccatta acgataatgt agtcagaatt tctattaatt 66540
 tttgttctt cggcagaatg tacagccatg ctgcggtaca tattggggcc gaaacaacag 66600
 tttcattatc atcagccatt cttgaaacat gaagacccca gtttctgcaa ggggtgtttc 66660
 tgctaaacct tatatatattt agttgacgta acaaaactta gcgtcatcat acaacggaaa 66720
 ttaagttttc tcgttctact gtttttagtgc ggagaactaa aaacgatata ctgactcgga 66780
 tttgatagtt tatgcaaatt agcgtccacc tcaactgtaa tagtatttat tttcatggt 66840
 ttttaaaata gaattgcagg caaggaggat caatgaaccc tccacttcc gcaaagtaag 66900
 caacgaccaa tcagaagttt gcattgcaag tatttaattt gttgcagcaa agcattagct 66960

agaggacagg cacagagatg ctacatattg ggaaattaat ccgaatcatc agaatcagtg 67020
 tcattaatgt cggcttcaca agtttctaca tcttcataat ctaaateccag ttccatttca 67080
 ttatcagagt tttcctctcc attgttttct ttaattttcg ctgatttcat agaagtatca 67140
 ttttcaataa atacaaagcg agtttcatct tcctgtagag tcgtgtttgt ttcaaaatct 67200
 atagaatcaa cttctttact ccagtctttt ttcagtctgt tttcgcgtag ctcatattgtt 67260
 ttctgtcctt tattcgtttt atccgcagta agaagctttt tacatttggc ttgctttttg 67320
 gtttgtaaatt tcaattggac gggttgctta gattgctgtg aagcaaagct gcaagacgga 67380
 gttgtagaac atgcaacatt aaagctgttg tactcttcag gcatgttagg atgcagacca 67440
 aactccacaa attctttggg aagataggta cagaaatata agcttggttt ccaaggtgac 67500
 atcatgcgtt ggattctagt ttgacaaccg atgtcatcac attgatgatt gttaaattgg 67560
 tctccgacta atctggaaat catgccacat tgatattgtt cacttacacg atcttggtca 67620
 aaatcgcgta tgaactgagg ttgtttagtt tgaagaatac gttcctttat ttgacgtaaa 67680
 atccttgcaa aagttactat aaatgataaa gcttgctgtg ctggatattg aaaagatcca 67740
 ggagtctgtt gctgtacttc atattccgtg ttaggcatat cacggtcata taccggtttt 67800
 ccacaaagtt gtctgaaaat acggtattct atgtcaccat gtccattgtc attaaaaaca 67860
 caacaaagtt ttgccatatt caacttgttg aagtattcaa acttcattat ggtaatagta 67920
 tacataaaca gatcttgagg gtcaatagggt aagttgtgca caaaatgata tttatagtaa 67980
 atgcaagctt cctcaataat cgcaagagaa aatgctaacg atggagaatt cgtcaatgaa 68040
 aaaactcggg ctccgagtat ctgttgatgt tggtctctat tgagggagtt taagcagttc 68100
 ttatatcgta gtaacaagtc tggtgtcatt agttcttctt tttccaaata gattttttca 68160
 tgattccggg gaaatcgatc tcgaatccta tgagctggat ctctgcttc accggaatac 68220
 ttgcgtaaac caagggcttc cgcggtgtag ctagagccaa aaggtgctgt tggtaaattg 68280
 gcgaaaaaag tcaatgcatg cgtctgtgca cgcttttctt cctgcttttc ttcaatgatg 68340
 agtttcagct gttctagttc tctgagactc aaagcgtcta attttgattc atcaagctgc 68400
 ttaataggaa tgatgcgtct gtgaaattgt ttcgtaaagc ggctgacata cttgttagca 68460

ggtttatgaa caagagttcg tttaatgggtt ttcaaaccat atcgttgccg ccctaataca 68520
 ttcttttttaa ccccgcggtg atacatgttt ctgtcgaaaa tgagaacctt gttcataaac 68580
 ggctttttat attatttttg tctcgtgtag cggtgacgcc tctgtgggtt ttaatataag 68640
 gaacatttga catataaagc tagacacgaa ttaaggtgcg tctaaaattt tatttataaa 68700
 acacaaataa ataacataaa aatgtcacat attcaaagaa tctaaaacga cagatgaatg 68760
 cacttgctta ctattagatt tacatttcgt agtaaaacat ttgctccata atattatcaa 68820
 aatgcgattg ttatctacct taaattctaa gtacactaag acattttcac ggtttcctt 68880
 atgattcctt gttaaacaac tgaaatcact tagttttccg ttttgcaatt tttttagttg 68940
 tatatttttg tgatcaattt ttagaaaagt tacatgttga aattgtgtag ctgttcgtgc 69000
 ttcacagtgt tggatgttct tttttaacat ttgtggccag gcaattgaac gagtaaaagt 69060
 cattaacaaa tcatcacggg aaagacaact tgtttccgaa aaaccattga catgtaaata 69120
 tttcaaacat aaagtctcca gtgaactttg ttttctgtga tacagttgct tagtcctaga 69180
 atctataaaa gaaaactctg ttggacaggc cttatcaaaa atgctgtaga ttatctctgt 69240
 aatggtttgg tctttagttc catgatgtaa aatattattg agatctagtt gcatgctaac 69300
 gaaatcttga aaattctttt tcattttttc cgggacaata aaaataggct tcagacgacc 69360
 atacaaaaat ctgttattct cttcgtcaac tttatacatg aaacctaacg gtaaacaacg 69420
 tcccgattta tagattcctg tatcaaaaca ttcaccagga aaaattaccg agttaagaat 69480
 ctgcattaaa tcgtgggtta gacacattaa atgattgaat attttagaaa gttgttttaa 69540
 tggctcactt ccaattattg cagtaccttg agggattgga atagcaattc gaagaccaat 69600
 tttttttttg caaacacaaa aagctgtttc aacttcattg taacatacat tgtggttcag 69660
 gggattctcc ggattactac aggtagtttt gaaaaaaaaag atggggtagg cgtctttgtc 69720
 aataaacgga aatatttttt gccatgcatt gatcagcaca ttccgcatca atttacacat 69780
 agagaaaaat aacgattccg ttattatagc tgaatcctgt aatggcagat ctaaatacacc 69840
 aatataattt gtaaccgga ggtattcatt aaagatttca tgcttggtta cgtaaaactg 69900
 tttttctatt tcgtcgctta aaaaggctcg gtccctgcaac caaatgtac ttgttaaaga 69960

ttcacccgaa atgtactcat tgggtaaaaa ttgcataacc tggtcgaaac ccatatTTTT 70020
 gtaccaactt tctgcacttc caaaacaata aagattTTTT taagacattt gaactctaaa 70080
 cataggaatg gggttgctga attgggtcatg tagatattgt ctccttgtaa caggtttacc 70140
 atctatcaaa atagatttat tagatgccaa aatttttaaa aatccttgta agcctaattt 70200
 aattgggtgta aaataccctt caccgtgttt attgcatttg ttaaccatct ttgaaatttg 70260
 gtctgaattt attacaagca tgatatttct attactgttt atgtcataaa cgtactgttg 70320
 catttgaaat ttgttgttta acatcctttt tatttctaca taattttgaa aataactgtc 70380
 ttcgttaaag tactgtttca tgattgaaat gagatccgag tgtaaagaat ttcctaggat 70440
 gtacatatTT tcttgacatt gagaagtatc agatctggta ggatcataag atgtcagttg 70500
 actatacttg atgaatttat ttttttctaa tgctgtactg taagcaatgt agatatagtg 70560
 gactcgaaaa ctgtttgtga gatgcacgct gtttctaaaa atatctattt gcttatcaag 70620
 ataaagaaat tcttttcgat ctcttatgtt ttttgTTTT gcatattcag aaaaactaac 70680
 aaattttttc cgatagttag atttcaaagt aatattaatg aattcagaca tggaggaata 70740
 agtaaatacc atatctccta atttatcagt gaaacactga acataattct tagttgttgc 70800
 tatggtgctt ttctgctctt caaataaata ataatacatc gttaatagta gcattccttc 70860
 tgtttgaccg tatgttgata aaaaccaaaa cggtgacgtg ggtaagagat acttatttgt 70920
 tagatgttta atgattatag tcttgcaaaa aaagactaag cttttaaatt ctatatTTTT 70980
 acttccttct ggaacatgag aaagtaaaaa atctttatac agattttctg tttcttccgt 71040
 atttaaacag tgaataatat cctcagactt aatgggtaat gcatttttta cataatagct 71100
 gaaattcaaa gattctgctt cgcaaacaaa taccgtctca attcttttgg aaaacttgca 71160
 tttctgtgtc tgcatacaaa aatatacatt ttttgatggg ttatatTTaa cgattattgg 71220
 aaaaattaaa tgttcactag ggttcttaca taagatatTT actatcacgt gcgcgggggtc 71280
 atattccgtt gcaaacacag taatagtcac tgtgaatgtc tttcagttta tcttccaaca 71340
 gcttttaata taagacaata ggaatcatgg gaaattgctt tgtaaaaaaa atctcttctg 71400
 acatcttcaa ctctaactac cagatgctct attctgagct ctcagagcaa gaggatttac 71460

tggatTTTTT	agagacaaaa	tatacagatt	ttggaatTTT	aaaaaccgat	attctcaact	71520
atgaaagaga	ctccgaaaca	ttcaaaactt	tgttgcaagt	gttacctatc	tataaaaaaa	71580
caaagctgag	gtataatTTg	attgaacgct	gtttaataa	ttgtccccct	cacgttaaag	71640
atgcattgat	tattgaaatc	atgaaagcta	agaaaatTTT	agagactctg	gatgttgtgt	71700
tcatgaaaat	tatgattgga	gaatttaca	tttgcagtga	caatgtgaat	caattgctca	71760
ataaatTTTc	aatagaccaa	acaacattat	gtgacatgga	aaaaataaat	actttaattg	71820
acttagacga	agaaaatagc	aagcgtcttt	tgacagagat	cgatcctttg	ttacatcaag	71880
aaacaggcct	gtatcaagcg	ctgcctaattg	cagttacgga	tccaccaagc	gaacagagag	71940
ccgcaactaa	aaaatgttac	gaaggattta	ccaaataaaa	ttttattccg	tgctgtactg	72000
aaaccaaagc	atcgatgttt	tatctaacac	tgcaagctga	ttcaacactc	gattaggtaa	72060
tagcttttaa	ataaaatgac	cgcagtgtga	aatgatgggt	gcaatacaaa	ttcctgcttg	72120
cacaaagatc	ctctgagaag	tgggattaaa	aatctttaca	cttggagttg	tgttctttaa	72180
ccagatatta	gtttcaacca	ctaattccatg	acagagaatt	tctttgtttg	ctattattaa	72240
agctttcaat	tcatcaggac	aatcaaakat	gtaatcaaaa	ttttggattg	tgtaattatt	72300
ggattctaca	tagaaatctt	tattggtaat	tagtgaaaac	ttgataaaat	ttggagaagg	72360
aaaattataa	gtttcccagg	gttccggtat	atagcatgga	aggatgttaa	tcactaattc	72420
tatatcacca	ggtaacaaca	ttactgattc	acttgacagg	tttattaaag	aatggagat	72480
aacgttttct	gttgtgatga	gttctgttac	acattcgcag	agagtgtcgt	taactgttcc	72540
agtcaaaatc	ccaaaaagtc	cgtcgggaat	gtttaatgac	acgtttaaat	taaaaatgcg	72600
tacttgttca	caaggcacc	atataagttc	tctattttacg	agtacaattt	tatttgtatt	72660
tagaattaca	tccatccgac	ttttctcaaa	atgatttatt	aaaattggaa	gttcgtttac	72720
tcgaggaaca	ttttcaaaac	caaactctgct	agatctgttt	cttggaaagg	tgagatattt	72780
cttttcattg	tccatatgtt	ctgcaaagaa	ctcatcgtaa	attttttcac	aggatttgaa	72840
taaaccgttt	tgaggaattc	caagtaaaga	aaatggtcgt	tgataaaccg	tcaattcagt	72900
gttcacatat	tcatttaatt	gctttgcac	gatttttaggc	catgtaagag	agctctcttt	72960

tgtttcgcta aagttccaga tatcatccac atccggtaca gtaaacagga aaaagtgcaa 73020
 gtatctggac ataggcaatt tgtaagtgt aattgtttca gagatTTTTT cagaaattat 73080
 tttcttgttt gtttcagatc ttctggaggg tagactttgc attttcgttg aagccttcgg 73140
 atgattagga aaaatgactc tatacaagat tgtttccaag ccaattatat tgctggcatt 73200
 tttttttacc cgagttgttt tcacaaatga agtcgacggg gaggagctgt ttataagcc 73260
 tacttgatcat tcagatacat atgaaattat tttaaaaaaa ttttcttcta tttggatatt 73320
 ggtcaacaca tttattttat tatgttcatt ttcattatTTT ttaaagtatt ggtgttttaa 73380
 gactctcgcc aaagaaactg taaaagggtg ttaaattctat atgaagaatg tatgaaaatg 73440
 ccctcagaac tgttttaatg tatttttctc catgcatatt tgaacataaa tattctaagc 73500
 caaatatTTT tctcgtgatt agtctgcgtt acttctgtca ccacactcat atttttcatg 73560
 gtatttgTTa gaatatctgt ggcttttgct ttccatcatc acgtcatgct gtatgttgaa 73620
 gttgaacaat ggtgtgtctg tggttgaatt tgttacgaac gcttaataga aattattgta 73680
 catttttcta ttagtatgag tgctatgaaa atttcttaca aaagtctctg tttgagtgtt 73740
 aattaaagtT gcattgaaaa gaatggcggT tgtactgtaa tttctcaaT caaagtTTTa 73800
 aagtatgctt tgtcacggag atactctaca ctacgaagtT ataagtccgt gttttgctga 73860
 tttatgtgct tgtgttacta tggtttgctg tgaaaaaggT cgtaggaaat gatgaagtct 73920
 gttgtgaagc ttgcatgctt gaggtgcctc gagtagatgg aaaaaatttt gttggttcgg 73980
 aagtaacagc gttcggaatt gctgtaggct tagtaacttt ggtcttattt tctaagaaca 74040
 tcaagttccc cttaaaactt tgtattggtg acatgattcc ccttaccaag gagaagttgg 74100
 taacaccaaT tgggtgtgac acattccgcg tgttcacaga attatagaaa aattttgaaa 74160
 tagaattctt gcaatctgtt cgattgtaaa caaagtagta aataaaattc gtaaaagaaa 74220
 aaagttgctc agaattttcg cgtgaaaata attgagcttc agtatggttt tggagatctt 74280
 ggaaaatggT ttcaatcttg ttttggctaa agttaatttt aaacaaatgt gaagcaagta 74340
 cttcaaacgg tattttattg acacaagagt catccatcgt tttgaatgct agtgtagcaa 74400
 aaactaaata caaaaaggaa atattatcta agtaaacgtg acgttttctg tttgttttag 74460

tgggaaattc	aaaatgtaat	gtccatcgcg	gaaaattatc	tagatagagc	atattttattt	74520
tagaaaggca	aatattcttt	ttctgggata	gacggaatga	ccaaaataaa	atctgtttta	74580
aacagttctt	agagatgggt	atgtcgcaac	tctgaatata	tgttttttca	aaagactcat	74640
aatgaaattt	tgcaatttc	ggccacatgg	aaaaattcgt	taaatttaca	aacgagattt	74700
tttcagagca	aacacttaat	acaggagtcc	atatgatcag	ataactataa	aaaagaaaag	74760
aatcaacgt	gaacactagc	attgaataca	ttttgttttt	cataaatgtg	aattatttag	74820
gaactgtaaa	tatcctaaaa	tagttattca	tttttttaac	caggatcatg	attgcaaaat	74880
gtacctgtg	ttggacagta	tttgttcacg	cgctaatacat	tttaatgata	cttttattaa	74940
ttcttcgttc	tctaattgga	tttaacaacg	atctttggtc	gcaatcacia	ctagctttta	75000
cttgtctgaa	taaaagttaa	tctcatgttc	cagcataata	tcaaaacaat	ctaaatacat	75060
gataaatacc	aaacaaaact	ataattatga	taattaaata	cagaagaact	aacatgattg	75120
aaacttgact	tgattttaga	tctaattgcy	taatttcgaa	aacagagcca	tttcttaaaa	75180
acaataaata	atgtgttcgt	ggattcacat	cgataaaatt	tgtgtccgga	tctattaatt	75240
ttaatagttg	cttgtcatcc	attatgtata	caaattggat	aattccgtct	atgtcgtcat	75300
attccacaac	caagctttca	caaaacacac	aatcgtggga	tgaaatatta	tagattgggt	75360
ttatattttt	caccgaatat	ttataattag	taggtgtgca	ggtagagttt	aagggaaaca	75420
cagtgataat	aattgtagtg	cttatgacag	tactcgtgac	actgaaacta	gtaccggcta	75480
aaatatattt	tgaagagatg	gtgtaagtaa	tatttggtaa	tgtgaggaag	gcagcttggt	75540
catttgaaac	acaggaaatg	cttttaaaaca	tatctaatac	cttttttcta	tatacagaaa	75600
gtgtgttcac	caccttggtt	gtgtatgcgt	ctaggttttt	ataggataaa	atgttggtga	75660
caactctttg	agttaaatct	ttgcgcgtgg	ctgttgacac	aggagaaaac	atcgtttcaa	75720
tgtccatgac	attatcaagc	atatgtgtcc	aaaaatacat	ttccaaagga	ttgcacagac	75780
ttgcgagcaa	aacatgaatc	tttcgcttga	tcttttcttg	gaagactaga	ctgtttccaa	75840
tttctgagag	taaaaacaaa	tttgcacgtt	ccggttggtg	taaatttgta	aacaatttat	75900
gtttttcata	taatgtttca	atattgtttt	ctatttcttt	ccatttggtt	tgtggaactg	75960

taacgattct tccatctgct aaagataaaa atgctagctt agcagagata ggaattgtca 76020
 gatcagatgt aatataagaa taatctacta actggaaatt ctgaagtttt tccatctcag 76080
 gatataataa atgactctta gtcattttga agcacttttc taaaaaccta cccatcgtaa 76140
 tgatgctttg gtgagtatta aggattttcca acagagggag gagtccatct cctcgagtac 76200
 tatatagaaa atgagttaag ccgaataaaa acattaaatg gaatgtgtct ttgttaactg 76260
 gttttccgca aaatccctcc atgatataaa cagttgctaa cttattgaat ttggctatta 76320
 aaaacgagat gtcataattt tgttttccaaa tatcatccag aaagtctatt ttgagaaacg 76380
 gataaaatct ttcaattggt gttttttttg taattaacag gagatcgtct gagacagtct 76440
 gtctatatat gaatgaactt tttcgaaaag gtgcttttaa aaaaatacga ctaacatttc 76500
 caaagataaa aacgacatca tccattcctg tttccactga aattataaaa aacgatgggtg 76560
 tcaaagctag catgaacaca gtattttaagt aattataatg tctcataaca catctttctg 76620
 ttattgggaa tagataatca gtcaagccat ttgaaagtgt gcaaagtgtat tggttgtaat 76680
 agagtttgcg aatttccgaa acatttgcaa agtagacatc cttttcataa aataaaggta 76740
 ataaagacac tgtaatcggt tttgtatgcg aaacagggtt gatatttggtc tgaaatTTTT 76800
 gtgcatagat tttcacagct ttctctgttg atgggttaaa aaaacgtgta atccgatggt 76860
 tatattgatc aaatgattca tcgaaattca cagaatcaaa taaattcgag acaaaagtat 76920
 atccgaataa gcatttgga atctgataaa cccgagtttc gttataatca tggaaattaa 76980
 acgttattaa accagggtga ataatagttt gatttgtttt ttcatttacg caaattgaag 77040
 aattgagtat attccagtgt ttccatccat ttattgacac gatgagaagt agactattta 77100
 tgtaaaaata cattttctcc aatttagagc ctggaagata aacgggaagt ttgttgtagg 77160
 ctacgcctta actttacata ttaaatacat aacgggatag gaatcataga gatattttgg 77220
 gtaatatgtc tttagaatac ttgccccctg ttagaagacg tattggtcaa tataatcatt 77280
 tgagaatcta caaaaaaatt ctgttggtta aatccaattt tgaaaaatta aatttttttt 77340
 tgggcaatct tttccagaa gaactgcatg attcaaaaat acatgtatat tttgaagtta 77400
 gattaggggtg ccgtattccg gattgcatta ttgttttttag gcattttggt gagaaattat 77460

taaaaaacttt ccattgttat ttttttgaat tcaaaactac ttttgccaaa tcaaactctgt 77520
tttcaattca aaaaaatagg acacaaaaaa ttcaatattt acagggacta aggcaactac 77580
gacaagcaac agattatcta cagcaatttg tcatcaaaaa tgaaagctta tgtaaggtaa 77640
accctgtaat ctgctttttt agacagcatg gtttaaaatt ggactttgtg aaaactttca 77700
tagctaaaga attgcaactg tcttccacgt ttctttgcaa cttttttacg aaatatcaaa 77760
atgacacagt taagtctatt ttatcaattt ccaatccaac caattttcga agggcatgtc 77820
agaaatactc taatttgtag cgaggaagat atgcaacaac tccaaaactt gggaattcga 77880
aaacttcgaa aagaaaaaga agaaattcaa aaaaacaaga ttttaaaaaa cttgttaaaa 77940
actgaacttg atgttttgca agcacatgta cagacagaat gccagaaatt aaatacaaat 78000
ttaagagaca ttgaaaatgc attgctttta gaaaatcaaa aaataattcc ttctagttaa 78060
acacgttctg tcttggaaga gtctctccag gctaaaactg tcacgcaagt cacaattaca 78120
caaattgatc ctgctattca tttcacggaa aatttccgac ctgagatgat aaaaactttt 78180
tataataata ctcagatgtg gagctatacg tttggagctt ggttttacia attaaagcga 78240
gctttcttta ccgattctaa attaaaaaga atgctaaagt taacatatgt tgattctctc 78300
tctattacac aggaattgct gtctatttca attaatgcat tggaacaaat tactatttat 78360
cctatgcatg ataatttagt gtccgattta gaagctgggt tgtgtctact gactgctttt 78420
tttgcacgt atcctggaac tttcttaacc gaaaatatta aattcgtgga tgtcattcaa 78480
aatttgctct aaatttttag atatctaaac accgaaattt tagctacgaa aaacgcgtca 78540
ccacaggatt tttatttttg attcaatgat ccagacaaaa tgaaatattt tattccgttg 78600
tgtaaaggga ggcattatgc aataaataca ttcagtaatc atatcttaat taaaattttt 78660
ataaaaaaag gtgtgataaa gcaagttccc ggagatcaaa tgtcgaaagg acatgttgta 78720
atagaatcga agttgacagg cacgttaaca gatgataaat tattatattg gactcaaatt 78780
ttattgcaac cgaaattggg aaaagaggtg ccgatatttg tccatcagca gcagtatttg 78840
cgttctggaa ttgttgccat agaatcctta tatttacttt ggcaaatttt aaactcagaa 78900
agcatttttg gaaagagaac tgggaaattt tatctaacga caattttccc ccatgtaaat 78960

gcagaagatg ttacagaaac agaattttct tctgtcaata tccagaattt tgagtttctc 79020

atgaaaaact atgtcgtccc cacatattta gccataatg aaagtactat ttccacttta 79080

tttccggggt taatcagcat tgtagttaac gaaagtgttc gtttaggctg ggatcataat 79140

caaaatactt tgacacaaac taatgctttg catagccaaa caaaagacaa tccgtttggt 79200

gaatatatcc gttcacaatt agaagaaacg gcagaacttg cggactcga gaaacatgat 79260

aaaattcttt ttcattttga aaatggcttg aatgtgacac tctctttagc acttccacga 79320

cataggttgt tcgctatggc atcctcatta tttaatgtgg ctgatttgta tgatttcttg 79380

tatttttttg tattaggttt tattccagta gcaactgtta tttgaagacc aggtgacgtc 79440

tagacatttg ttttgatat aaatacgcgt ggaagtgtta aggagcttca ttttaaaaaa 79500

gacacctttc ttaagctttt gtaaacaatga aaaatatcga ttaacaaat tggaaattac 79560

tggcagaaat atatgaatat ctgttttttt tctcgttttt ctttctttgt ctgctggtaa 79620

taatagtggg gaaatttaat aacagcaccg ttggctcgaga atacacattt agtacttttt 79680

ctggaatggt gggttatatt ttattgttac cgggttaaaat gggaatgtta accaaaatgt 79740

gggatgtatc caccgattac tgtataatct taatgtttct gagtgatttt tcatttatct 79800

tttcgtcctg ggcgttaacg ctgttggcac tggaacgtat caacaatttt tctttttctg 79860

agattaaggt aaacgaaact aaaattctaa aacaaatgtc tttcccaatt atctgggtta 79920

cttccatctt tcaagctgta caaatttcaa tgaaatataa gaaatcgcaa atgaatttag 79980

aagatgatta ctgtttattg gctattgaac gctctgcaga agaagcctgg atcttattaa 80040

tgtataccgt tgatcatcca actttcattg tttttttcta cgtgttaaat aagcgatttc 80100

tctttttaga aagagacctg aactcaattg ttacacattt aagcttggtt ttattttttg 80160

gtgctttatg ctttttccct gcttcgggtc ttaacgaatt caactgcaat cgattgtttt 80220

acggctctgca tgaattgctc attgtttgtt tagagctaaa aattttttat gttcccacta 80280

tgacatatat aataagctgt gagaattata ggctagctgc caaagctttt ttttgtaaat 80340

gttttaaacc ttgtttcttg atgccttcgt taagaaaatt gcaacaacct acaaaatcta 80400

cacagtttta aaattgtaga ggtccaatag aaaacaaatc tgataaatta cactctgtta 80460

cttttgcttc tttctccact atgccacaaa aaactttgaa atcattctga ataaaagtaa 80520
ataatccatt cctgtgttct ggtttctgtt gactaaaagc accgtgagaa attttgcatt 80580
tgtcaaaaaa aattaaataa ccaaaccaca gatgcttaca aatttttcgg ataaaagggt 80640
catatacttc ttgccccag aacttggtga aatagcgaca taattttaat aaacggtgat 80700
tgtagatggc accaatagaa aacattatat tcccatcgtg aataatttca gctggaattg 80760
taattgaaag accaaattca tccaaaaaga aactttctat gatttgttta acaattccag 80820
tatgatgtaa ttttttcgag agctgagctg ctttttcttc actgaagata.tgtttaagga 80880
tttctgatcc agatctttgt ttaatcatgc aaaagatctt aaacccaaat tcatcaggta 80940
cctttcgatt cagaaccact aaatcactca ctccgatatt gtgcaaagtc tctctcaaca 81000
gtaagatttg gatgccgtga gaaaacatta gggtagacac attctggatg atcaaatct 81060
cttcttgttt tagattaagt aaagattcac cgcttaccaa tttcttagtg atatgtaata 81120
ttaaattgga gggtgagttg ttcgagatta tgtattgacc tacttggtgc atcgtaataa 81180
tggaactgt gctagtggca ggcttcctat gtgtgtatga tgataatgat ataatgata 81240
acttttatct gccaggagg acgatacaag aagaaatcaa ttccggaaat ggtttgaata 81300
ttccattgaa tataaaccac aatgaaaatg ccgttatagg cacagtctct tctttaagt 81360
atttacagca cggtttggtc acggttgccc gtgttcaatc aaaggaattc cttacaataa 81420
ttaagaaaat agctgtaaaa tctaagctga taaccaacac ggaagaaaaa actctgccac 81480
cagatcccga aatagagtgt ttaaattcaa ttttcccagg tttgtcatta tcgaacaggg 81540
ttggtggcaa tgaacgtgat ccgtttttta aacatgtctc tatctgtggc gttggtcgtc 81600
gacctggaac aatagctatt tttggacgaa atttaaattg gattctggat agattttctt 81660
ctattacaga agcggaaaaa gaaaagattc tgagcacaga tcaaagctgt gttcagtttt 81720
ttgccgagga acaatttaaa gtggatttat atgatctgct agcggatagt ttagacactt 81780
cgtacataaa agtacgtttt ccaaaattac agtctgataa gcaacttagt ggaatttcaa 81840
aatctactta tattaaagcg agtgaaaatt taacggctaa caaccatact attaacgtga 81900
attcaaaagt cacaaggag acagaagcaa cagacagcgt ttcacaagat gattgcgcag 81960

tccatgcacc agatttgata agtacgattt gctcgacaac gcacacaacg catcacgacc 82020
tagtcagaat gaatggctca gctactggca actcagctag tcttcccgt cctcagtttt 82080
ccgaatgtgt ttttttaccg aaagatacat tttgctcctt actgaatgct acagctgggg 82140
cccaaaataa aaacgtaacg ccagctgctc cgatatTTaa aactgatgaa tatataactc 82200
cgtaccaga atctctgagc agaatggatt atggaaatag aatgaattat cacataccac 82260
ctccatattg gtatccctct atgcctggat ttaattataa atcttatcgt ggttcccaaa 82320
aacggtgcgc tccaacagat tcggatgatg aaatgagctt tccaggagat cctgactata 82380
cgacaaagaa aaagaagcgg tatagagaag atgacgatcg tgaactcact aaagacaaaa 82440
atgatattaa agaactagtt gatgcaatag ggatgctgcg tcatgaaatt tcagcgctaa 82500
agtatatctg gtctcagtct cctcagagac agcattgtac agcggtagat acaatgccaa 82560
cgattgaaga aaaaaacgtg gcatcaccta aaccatcggg tgtaaattgcc tcgctaactc 82620
cagggtcaaga caggaatcaa aatttgatgc aaagtgatca atctttattg agtttgaaca 82680
aaaaattggt tgtagaagct ttgaataaaa tggacaattg aatacaaatt atgcgttaat 82740
gtctctgtct gtccccactg ggacaaggaa ccgtttgcag cccaatggtg ctttctaaaa 82800
cagttaatgt gtgtggtaag gcagtgattg gtagaaatgt gcgaagggtg tctgttctca 82860
tgcgatatct gactggtaca aggtgttctt tagctatgtt taaatgaaga gaatttagat 82920
taatagatac gttagtgtga gctgtgatat ttggtactgt agatagtaca ggactatcag 82980
cgacaggtgt tgtttccgat ctaaagacac ttatttgatt attttgattg gaaatcaaaa 83040
ttctgcttgt ctctgtccag ccaaaatcta tatttgattg atcgtgtgtt actatttgac 83100
tgggtaggaa aataagtttt ccagttcct gagaataatc aatacggcag ttttttttgt 83160
aggctctcat ggttacttga agatgagttc tctctttcca agtgaaagtg tttaatgaaa 83220
tcccgtttat taatctcgga ataaaaagtc ctgcaaattt ctgttttagaa tcaaaaaatg 83280
ttggaaatgt acatgagaag gggtcagtgg tattcgaatt aatgtttttt gtagaaccta 83340
cggttatgca tgtgccatcg tacgtcatta caggttcttg atttctttcc atcacaatgt 83400
gaggaatggt ttggataaaa ttacttgga aaaagatgtc gctaggaaaa ttatcaggat 83460

ttaaaagata attgttttca taagatgctc ttataacaag gatttttttca tgcagcatta 83520
 tttgcttaaa ataaacattt ctgctggata taaattccac ttttgcactg ttaaaaattt 83580
 gatctggttg agttgtttgt aaatctatcc aaaattcaca cgcgtacatg taatgcgttg 83640
 gttcttcgtg ttgtaattct gtccagcgtc ttctcttaat atgggctctt aatttagttt 83700
 gagatccata aagaataaat tgagcacggc actctccatg tggaatgtaa ttgtgctcca 83760
 tgcgctcaac tatttggaac ggaagtata ccaaattaat gctaggaaga aaaaaggcaa 83820
 aaagattaat aattaaagga aattgtttta aatctaaatc tacatcagat atattttgaa 83880
 cagccaaggt tacattgcca caatctctta gatcgatata cgtaaagtag gctgctgtaa 83940
 agcttccttc atctctgcac atacacacaa atgttgattg ttgcgaaagt atgcttagcc 84000
 ctgtccttaa gcatcttatt tcacgaggtt ttaaaaggat tgggtgctgtc aattttagtt 84060
 gtagaaaata tgaagaccag accacataac aggattccat tcttacttta aatcttttat 84120
 tgttgtaaaa tacttaata gttgatatta caattgcata cgtttgaagc ggggtgttat 84180
 gttcatagag ttatgtctaa tgttttctgt ctcttgattt tgttcgtagg gaaagtctgt 84240
 catgggatga actgtcaaaa ttgggagaga gtctgaaaaa aaatcgttcc ctaaaaagtt 84300
 aattcgaaat gaattgaaag cggcttcaac ttttgatttg caatctgcgt gtgctgtagg 84360
 atggaaagaa tgtggaaatt gttctctact gataaagtag acatgaccaa ttatatcatg 84420
 ctccgttaca aatgtctcat ttcggcagta cagtaaat ctaaaagtct cagcggttg 84480
 ccaaataaaa ggaaatgaga gtacattaga tttctttgga atgaatagcc ctacagcagc 84540
 aggattctca aaggttcctc gtaaattgat ttgtgtgatg tgattaggtg tcagtgtcat 84600
 tctttcaggg aaataaattt ccattgtttt gaattcttca gaaatattga aatacggcat 84660
 gcaaagtgtt agtgcaactg attgcatatt tggtttagaa aatcttaagc gtaaagaaca 84720
 ctcatccaca cagaaacgtg aattcattac tttaagatac cgtagaaaga caaataacac 84780
 cggatgatga tattcaatct tgtacaccga aacattgtgt tctgatatca tttccacgtt 84840
 gcagattggc gttgcgctcg cgaaaaaac attccaatat ttgcagtatg ttgtattgaa 84900
 ggtgaagatg cagtacatgg tttccagtct ttgatcattg gagtttttca gtaaagggtg 84960

aaattcattc ttttcccaag taatttttagt tactgtggca tttacgatca gatcaccatt 85020
tttcacagaa tataaaatta taggagttgt tcctaaaccc ttttcaagat aggcaaattg 85080
atgaaatcta agaggatcca tattttcttt aaagtaacaa ttatcttgta tcagcagggga 85140
tgacgtaatg ttaaaaattg gcagggcaaa aatattgaca aagtttatcg attgtatcat 85200
aggaaaaaca ttaattttga tcactttttt gttttttaga acgtgaccca ccaaagttac 85260
gcattctgca ttgttttcag ttccatcggg aattagcaac agtacaggtc tttcgtgcga 85320
aagtatgcag gtaatctctg cgggagaaaa attgagttct ggctgcaaat cattaaaatc 85380
cacagtaaac tgaattaatt gcgataattc agagactggg gttgaattca tttttacaaa 85440
gaaaactaga atatacaaat gattcttaat tgttttcaca cgttttatag aatctagcaa 85500
gcttctaagg ctttttaaaa ccgcaatcta ctttttgaag gggcgtgggt atttatattt 85560
gatccagatt gcaatttttt tttacgagcg ctccaacctt ttcttaagat taaatctggc 85620
aaatcagaga taaaaatttt gtctgctaaa aagtacagtg cgtcagattc tggatcttct 85680
gagttaagct caatttcagc agcaaaaacta tccgtatagt tgggatcaaa ttagttcgt 85740
aaaatatgcg ttgggataaa ataaatgctg cctattatgt catttgtagt cactctctgc 85800
gatctatcac tagtcacttt tgtggtaaaa cttgtagtggt gagaccagaa agaagcaata 85860
gactgcactt tggaatttgg gtctggaacg tagagagcat tagcattaaa attataaaaa 85920
gtgcctttta aatgaagttt tttagtttcg ccctcatcga aaagcatcgt gtcttgga 85980
aaaacgtcaa tttttctttt atcgctacag attttaaagt aatgcatatg cacagttaga 86040
gaaatttcgt ttgggattat ttcgttgaca aaaccaagtt taagcatgca atcgtttgga 86100
accatatacg tgttattttt agttacctct gtataacatc gaagatagat ttcgagtaga 86160
ggaggagaaa agatcatttt aagtacggaa actggtgggt ctgaaataga aaacactttg 86220
cacgttgga aatctgaacc actccgaaca tcgtgaaacc aaaaaggtaa attgtttatg 86280
ttaacagagc agactgtaca tagagttggt aatggatggc caggtgttct ttcaatcgaa 86340
cgttgataag tacttagttt ccattcaatg ttaaacatcg tgacgggtat ttcgtttact 86400
ttatgtgggg tttgcgtcac tatgacctt tcgtttttga atcttatcag actaggaaaa 86460

actcccatct gctcttggtc tttaacatca tggtttgga tgatgacgat agagctgtta 86520
 atttttaaca acggaaatcc aaaaaacaag acttttgatg gataaatgtg tctattcaga 86580
 ttttttaaat gtagttttag ttgttggtct tccattaaag gacgagcaga aaaaaaggag 86640
 tcagaattcc ttgaatttat ttcagcgctc aaaagtaaaa ctggttcagt ttttgattgg 86700
 acatactcgt caaataataa tgtaacatta tctttaccct ggaattcttc tttgtatgga 86760
 atttcaatct gaacatattt taagatatca gaagttgcga gagacatgga gctgaaataa 86820
 aatctgttac aacagacact atttcaaaga actttttatt cactctttaa atatacaagt 86880
 tgccagccta ttgtcagcag aaacatcagc cacaatgaaa aacgtttttt cttgtgtaag 86940
 ggaattgatt tggttaatca tggtgaaaac cgttttaatt ttctgtaatt ctgttttaatt 87000
 ttcagtggcc ttgaaagaac taggttcttg agaaaaattt ttttttgcta ggagttcttg 87060
 acatttaatc aataacatag actgatcttc taaagataat cttctatat atgtttgaac 87120
 tatatcagga gccatggtgg caatcataga aaaagaaatg catgctgttt tcatggaaaa 87180
 cgtggactta caatcattga taacatctgg taacttaatt gttacatctc tgtactgcaa 87240
 agtgcgcagc tcactataa ttatttgaac ttcttcatat tttctatgta tggaaaggag 87300
 gctgatgcaa agcattcgca cgtttatttc cgttgcgacg tctgtaggga tcagtaatgg 87360
 cagaatcagc tccagttag gtaagacaag taattgttgc gaaggcttca gaaatggtgg 87420
 cagtaaaactc aattgatctc ccttttccag aggaaatggc ccggtatttt tgatttcata 87480
 ctggtgtcca atttttggac gtattaatat taattggttt ccttctactt tttgtaagat 87540
 tgttaacacc attgttttta agatatccct tatttgaata taatcggtgg ttgtagataa 87600
 gaccgtgtaa agtcctaaat ttgtgttgcc aattaaatga cggtgcgacg gtattgggat 87660
 gacggcatta gtgagtttgc ataaagtcc aatgtcagaa agagtaagct tttgatcaaa 87720
 agtacagtag attgaatcca tttctatagc agggactcaa taatattttg taacggaata 87780
 cactcccta tagcgaaatt tgcaaaatgc gtttcactta actgtgtcat tccgttctta 87840
 gatcgactct ctaatagagc ttggttagag gagcaatgga ttggaaacgc aatttgtaaa 87900
 aactgacaag gacgatgagt gacatcgtct gttccttcgg aacaagaata ctgaatatca 87960

gtgtcgctgt ccaggcatgt tttagttttt atggaataat cactgataag tttaaacata 88020
 aacttatttg tcttaaatat ttcagtgtct gtgaaaaaga ctgcgttagg actgtaactt 88080
 tttggattat atcctaattg atctctgtga tttatattat ataagacatc agataaagat 88140
 ccttcttgag atgccaaggt atttgttggt gccacaaaag cgtcgctatc aactcgagaa 88200
 tgatcataca aagattttct agcttctgac tcattatggg gatcgacacc catcatcac 88260
 gaagcccttc ctctaggatt tttagggtgt ttatagaaat taatatcgga agtcactgga 88320
 gtaatgacaa cctcgagat tgcttggtgg ccatgtaaaa gtattgattg tgattgctta 88380
 tttatcttac cgaaagaaag gatgtttaaa gcatcggttt cggaaggatt gggtttttca 88440
 atgccaacgt gatgcctaac ccaactatct acagtagggg tgggtgtatgc gtgcattgga 88500
 aagaccgaaa atagatcttg cactttactt cccatatcag tttttaccct tttcaaattt 88560
 gcgattgcag tgctggaact aaatccta atccatatcaa gaaaacttat atgctgcgta 88620
 aggttatatg tgggtgagat gtcttttact tctgtagata ccgttgggtc atcaatcatt 88680
 atggatgttg cagatttgga gctatacagt aagcaattaa tgtcgaaaca atctgttctt 88740
 actaaagtcg cagcgaaacc aggatgaatt ttttgtctgc tttgaagaat gatagctatt 88800
 ggagacaatt tgcaatgcat agtagctaaa gtcatgatac ttagcaatga atttgaacaa 88860
 caagaagcat agacaaagaa cggtgttctt tgccaattat ggaattcatg agataatgct 88920
 tgtggtagag gaaaaccacc gtcatttctt tgatagtggg gaaatatgtt tagatagggt 88980
 tgtacttcaa tattcattaa gccacaaata atagggtctg agaaaaaacg attaaaagga 89040
 attggcttga aataccgttt caacacatta attgggtgata ctaaacacag tccattatat 89100
 aaaacatggt gtagagattt gaagtttgaa gaactaccat gtctttgaga aggatctaaa 89160
 gaagattcaa tttccaaaat ttttgtattc tccgttaggt ataatataga tttaaagagt 89220
 tgtttacc aa tgcaagataa atctgtgagt gcatgtgagg gaccaacagc ttcagttatc 89280
 aattcaatca atacattggt cgtaatcggg aattcgcaaa agttgtcatc aggtaatata 89340
 aagggttctg tgtagaagaa atctagaatg aaagatttca catcaaaacc tgcaccacac 89400
 atcttggtat ttgtcagtgc tggtagaaag cagaaataaa aaattttgct taaaacaatc 89460

gtttcaaaag atggtctatc tacgtctgtg aatatttctg ttgaatccaa taaattcatt 89520
ctattcaggt cagatacttc atagtttctt aatttcactg tattttgggt aaggggagtg 89580
ttaccagctg tgattattgc atttgcttca ttttttgga gactgttttag aaatggaggg 89640
aatagacgat tatcaaaca agcggtcaca aatccaacca atggttcccc acacagttgc 89700
tcattaaagt ttgaaataga aattgtcctt ttcactaatt ttaagattga aattatattt 89760
ttgtaatgtg tataagcaat tcctggaatt gactcatctc caagataggt tgtaattaac 89820
caaatcattt caaaattatt gcaaaacaat aatatgtgct ttatattata ccaatacgta 89880
atacattggc tgacaacgtc ttttaagaatc tgaaacgctg tcttattacc atggatgaga 89940
agttctatga tatatgctag ttcgggataa gctgtgtag ttaaactttc aacgacgagt 90000
ttcaggggtg agtcataatt taaattattt gtcttggtt gttcgatcat ttgattggtc 90060
ctagcttcat gaaaagatga aggtgctaac ggcagaggta tattgcctaa caaaattctt 90120
ggtgaacaca aaacatcagt tgatctgtt ttttgaatat aggtgaaatc aaaaaatgga 90180
tgtagctctg tctttaaaagt aaaattttca gatttataga aatcttctgt ggtaagttca 90240
ttttaagca tattcgtcgt cttaggtatt tcttttttca tttcatataa gttgtataaa 90300
tttgataaaa aggtgcttgg aggttctcta acaaattcaa cctgacacag ttggttaaaa 90360
gattcccccg taggttttgc agcattttta aaaattcgct ctgagacact acaatcaaaa 90420
ataattggat ggcacaatga tggcaataga tcaactatagt ctattctctg caaaagctta 90480
tccttattat agaaatagat agatgtgggt agattgtttt ccattgtatc atttagttta 90540
agcctgctat ccatagtgtt aaaaccacta tccttcgaaa tgtataagcc cattgggaaa 90600
aaaaacgtca attccaattt ttgttccaaa ggatcctcaa tgtagtggtt tttatacact 90660
ttctttaaat gatctaagac aactgtttta tcaactcagtt gaataatgtt tgtctttaga 90720
tcagcatgtt gagtttggtt ttcaaagatt tcagattttt tgttttgggtt ttgtgtttca 90780
gtcgcaacgt ttttggtata atttgaaaaa tccgccataa tagcctggta tgctattgca 90840
gtaacagcat tttctttccc cataacaaat gtgccataag aaacaggtac agacattgtc 90900
atttgtgaaa tgtgttgcca tagggcattg gacaaaatct gaatcgtatt aggagttccg 90960

agtaaaacgc cgtaaataagg tgttccatct tttaaaacat agctattgggt gttatttaaa 91020
 atgcttttcag tgggttgaatc aaccattttca cacagatatc tgtatataaa gcttacatta 91080
 gaagttctgt tcaaaaaaaaa taaggaattg atgagtttgt ttttaaagtt ttgaaacata 91140
 ttgcttcgct gtactttaga aagaatctgt ttactgttga ctttgttttc taacatgggt 91200
 ttcaggataa actgtggcgg tgccttctta agaatagttt taatgaaagc atatattaac 91260
 cctcgttgta acgaatcagc agaattcttc agcgatcgta acaccgatg aatcgcatg 91320
 atgttgagca tttgatctaa aattgtgttt ttaaagggtgt tttctaaatg cgctaaacaa 91380
 gcagcactta attcaaacga tatattgata ggatgctttt ctgaatactt ggtaaccagt 91440
 acggttggtt ctttaggcgc agttacgtcg tttcctgtag cgactctagg taattgtata 91500
 taaaacagaa tttttcccag tgacattttg tctaggtcgt tgaaacggat aacatttgca 91560
 gcaaccgcta tggacgtatg aaaaaaatct atccattcag tccgattaca gtaaatecca 91620
 agtaatgctt cgaaacttat gttataacga tcagagtcgt caccgtaata caatcttaag 91680
 ttttcaaaaa gttgttcagc agtttgtgtt ctgatatcat caaacacgtt tggagaaaca 91740
 tctagttttg ggaaaatttc agctgtgcgc caattttcca tggttagtaa taatgataga 91800
 ctcaatatct gaagaaactt taatagtaaa gagctacacc gttaatcact gtgctaaaaa 91860
 tgttccagtg tttattaact cctatgattt aaccgcagaa gtggccaaaa atgaagacgt 91920
 gcgattagcg cgacaagttc aaatttcatt agagaaaata gatgaagtta tagaatcaat 91980
 tttttctgcg tctggctcta gcgttgaaaa tgtaaaagat caggcaaagt ttgctttgtg 92040
 tcgtttactg cttggctctg tgagtattcc gtgctactgc gaagaatggg atgtcaattt 92100
 ttatctgaca aaatgtagtt ataattgcga aggcccgggt ctatatatct ataaaaatgc 92160
 ttctcaatgc tgtgaaagca catatcgttt ttctatcatg actaattatc attccactca 92220
 catctttaga ggattattat cattacaaga atggaatagt catctatcaa atatcttatg 92280
 tacttgttcg aacgtaacag gtgataaata tactgcaaca atctttccaa acaatgcttc 92340
 aatttacttg gaatattatc cgtattttct atgctatcta tgcaagcatc tgtctatcat 92400
 tgatattgag caatgtacta atgaattgat agcttttctt ggtccaaaga cttctcaaag 92460

gattataatt cactataaac tggttattcgg gtttcgatct aaaccaatga atttcactgt 92520
ttcttttgta gaacagggtt tcacccttga aatccaaaaa ctctactatt ccgttagtaa 92580
gcacaacagt acaacagcag attttttcaa tgtcattacc gctaaatttg cagaggacaa 92640
atattttggt ctacgaacat tttaaattgtc tgcgcaaata actcctggta ttcaaagttt 92700
ttgttcattg aaattcaaac tccagacctt atatctaaat ttgaaaatta tgaaaaacac 92760
aaaattatcc atttctaata gtttttatca tggtaaaaact ttatatacac tggatgaaaa 92820
gcaacttggt tggagaaatt tattgttaat ttactatggt tacaatttaa aagacaatgt 92880
aaaacaaaca caagaagaga gtttggtgtc gatgcattac atacgaatat tggaaagatt 92940
gtctctaaaa agtttttcgag aaattaatca acaatttaga ttgaaattc cgagttacca 93000
agagaaaact ttgcagttta ttccagggtg aaatgatttc gcagaaatca catcggtcac 93060
gcatggagaa acaactgtga atgcatttaa tacaatatagg gtcatgaatg tgaaagctgc 93120
tctttcagga gaaatacact gtgttttaca tcgtattcct aaaagcatga cacatagttt 93180
tgtgatgtat aagcgcactt ttaaagaacc ctctttaaca gtgagtacct tcatttcaaa 93240
tgatgatttc accacaagtt cattgaacat taacattcga ggtccctact gtgatttttt 93300
atatgcattg ggtgtgtata gattacatgt taacatacaa gatttttttt tacctgcttt 93360
tgtttgtaac agtaataatt cgatggattt gcatgggcta gaaaatcaag gaattgtgcg 93420
aaagcgtaaa aagaagggtt actggataac taattttcct tgtatgatct ccaattctga 93480
aaaagttaat gttggttggt ttaaagcggg aacaggcata ataccaagg tttctggaac 93540
agacttaaaa aatgttcttt tgaaagaact cataagcatc ggagaaattc ccaatattac 93600
ttttgatatg gatttacatg ctttgttaac tcttttagag aaacgaaata tgcattcagg 93660
tccatttctt attaaacaat tttttatgtt tcttcgttta ggtcttttag tgggatatgg 93720
acgtaaacag gaaagaaagg tccatcacat tatgctattc ttaatacaaa aggggttttt 93780
cgatttttcg aagaattcag ttgccaacag taaaattaaa catgcatgcg ctctagttgg 93840
aagtcgactt gccaacaatg tgccaaaaat tctgtctaag cagaaaaaaa tgaaactgga 93900
tcatttggtt cgaaacgcaa acgctttaac cgtttttacgt tttattgtag aaaatgggtt 93960

ttataaaagg aagacaatth ttcgcaaact tttgaagtat ttagctacta catcttttaa 94020
 tgctcatggt caaactgaaa gtaatcgtht actcaacttg atgcacaatg acagcaaaac 94080
 aaatthttcc agtttggaag gactgtacac tttacgttaa caatgagaca gcaactgtgc 94140
 atgaaatctt gaattccgat ttaagtgaac tgttacagtt aaagacggaa tttgtatcta 94200
 tgacagacct atgtgtttac attactggat gtataaatca gaatatthcc agcatcacga 94260
 tatattggca tgcttacagt gaagtaatth atgctthaac tggaattata cactgtgaaa 94320
 agatthtctat tgaatgtgga attaaatcca cggacaataa catthttgtat gaaaagccca 94380
 aactgtthtt acttcgagaa aatthtagcac caactgaatt aaggtggaaa tctthtaata 94440
 aaacaaagac tataaaaagt gctctgtctc caaatcaaaa tgagatthtt cccaaaatag 94500
 cacacaagcc gtcaatcctt ttagagattg aagaagcacc ccgatttaag gaaatgggtg 94560
 catgtattht gaagttagtt gccgaagagg cgaccataac ctcaaaaagc gagaatgata 94620
 ttgtcaaaac atgcaaaaag cttgtctgaat cacaaagata tactthtgaca aatgggtactg 94680
 tgthtgcaaaa thttatatta gtccatgcct gcttatthaa gcttgaggct gthaatthtt 94740
 gggaggaaat gaatggaaaa ttacgtcaac ggccagaact aatgtcaaaa tcattcactg 94800
 gccatgagga atgtthtctat aattgttatt atthtatgcac thtgthaaat tccattthata 94860
 gttacaaaac thttattgcca gaaattgtag acaataccag atccattcat gtagtagtga 94920
 aagcatatta ttcagagcac atagatgtth cttacaaaat tctthtcgtac tcaacaaaca 94980
 tgatgaactt attctctcag taththaaat ttacagatth attgccatat ataaataagc 95040
 acattaaaat tgatgtthtca gcatctaagc aagatatgat taaattctta aatgcctgtt 95100
 tgggacttht gattthcttht aatgaagtht gthttacctc atggcacata taaatagcca 95160
 ttataataga aathaaaagg tcatctgaac aggtthgtth thtggcatta taggttacgt 95220
 gthcatthtatt athaatthtg tgaagattct taatttgthc aatcacatac tctattgggt 95280
 catacgthtatt thttattgta aaggaaatta gthcttgthga cgctthtaatg taacctgaat 95340
 taaaattcga aatgaaatat tctacggcta atctctthtc tctcccagth aaataaaatg 95400
 gthgtgcaat thggctctga tctaaagtht ggaaaaatgt tatgtgctta tatctthata 95460

ccgatatagt ttgtttcaat atgcatgcaa ttttcaccgc cgatgattga ttggaattac 95520
 cctcgataat aattttgagc tcagtaaaaa aaggggtgtaa ttctaaaaca gctagtatca 95580
 tatgtgaggc acattcagca attgaagcat cggagtttga tagtaaactt tctagaaaat 95640
 agtgctccat tccatatatt atatattgat caccatatgt tccgatcgct gctacccttg 95700
 ttccagaagc acgtcgattg attgtgtatg ctggatcaat atatatgtag agctctttgc 95760
 ctaagaatgg aattatctgt ttgctaattg tgctatatcg gaaaaggctg aattcaatga 95820
 gtccttgctc tgttatcaag gtatcattta ccacattgca gagagaacca cccattattt 95880
 cgtgtttgaa agcaccttct aaaaataggt cggcggtttt tttgacgtca gcgttgatgc 95940
 tgataaattt cggtttatgt agtcggtaac atgcacaggt tgttgcatth cctctgtcat 96000
 ttagtatgtg cacatgatct tcacaaacat aagatactac agttaacatt tcaaaggggg 96060
 aattgcttag ttttgtcaag aaggaagtag agtgatttcc ggaatttggt gatgatataa 96120
 aaataatttt agtcgaagat tgtggcagaa atccaagaat tgtgctaaac gcgtcttttt 96180
 tgataaaatg gctttcatca acgatgagaa gattaaagct ctgaccacgt atactctgag 96240
 aagaaaatga acggagtttt aaacgatata aagactgagt ttttatgtaa tactaaaaca 96300
 gatcttttaa cgttgataca aaaaatttgt ctgaactgtg atttcattct tgaaccggta 96360
 gaatcttttc ctaaaaaaac cgagttgggt gcggtgatgt atgatacgct cgcggtggaa 96420
 atttttaacg atcttttaaa atataatgaa caaaaaaag atggacttgc ctaaattgtca 96480
 gtcaatcaca gttgcttggt aaggagaatg ttcgcaaagt tacaatttgc ataactctct 96540
 gacatttgaa atgggttttg gaaacatctt tatatgtgtt cgggtgttta agatacattt 96600
 ttgcaatatg ctagaagact gcaacctgat aaatactcat gaaggatgcg tgtgttcaaa 96660
 aaccgggctt ttttataacg gatggatgcc agcctattca catacctgta tggaacctac 96720
 tgaagagcca aatatggaga ccgttaatgt agttgtagtg ctgttatcat acgtttacag 96780
 ttttttaata caaaataaag ccaggtattc aaacattatt cgcgacatta taaaagatgg 96840
 aaagtattata gaacaagtag aaaatgctgt tttttgtaca ttttaataagg tgtttaagaa 96900
 ctccaccttg aataagttac ctcttactac tgtcagtc aa ctttttggtc agttaataat 96960

tggaggccac gcggaaggca ctatttacga taataatgtc attcgtgtta gtagaagaaa 97020
 gagggaggat aacatactta aaaaaatgag gattgaatat ggaaatgcac ttgctctgtg 97080
 aaacaatggt tacttgcaga aaaaataata ttttaccggt acatttatgt attttactgg 97140
 atgatgttat acataaagag aaagtaaaag ctatagaagg gatctttttt cagtgtgtat 97200
 tttttaaaga aaagcttgta tatacggat ggacaaaaat aaagtttact tatgtgttac 97260
 atgatcttgt aattttctca atctttaaga atgcctgtat taaagaagta atacatggg 97320
 cattaattct ttcagttccc ataaatattg ataacctaca ttttgatata gatattttta 97380
 ttctaaaaat tatttaccga cattttttgc acgatgatat tgcataaaa ttatcgga 97440
 ttttgtctgg agcacctcgc atacaaaaaa cagtggaaaa aaaacaagag gtggaaaaac 97500
 cttttttcca tattcctgca aaacttgag atctcacaaa ggaagaccct atttcgttca 97560
 accatcatgg tccgttagaa cctccatcaa ctgtagagg attaaaacaa tctgcgaacg 97620
 ttaggcatag tcatccaata tcaaggcctg aaaaagcgaa cgtaaccttt ctaagtgatt 97680
 cgtggtacag ccaaaatcta aagtgtgact tcatatctga cattcaacaa agacatgtgc 97740
 ttgtcatttt ttggtatgag ttatcgaaag ggatacaaat gcaaattaaa aatattcaaa 97800
 ttctctctga aaatttggtt tcatcaataa cgaattattt agatagagtc aacacatatt 97860
 tagacgagat tgctgaaaga acttttcgat gtattactac taacatggaa attcagaata 97920
 gacatcttcc acaaaaattt aatagtcatt ttcaaataga gtttaattgt actcacttaa 97980
 tttatggtat ggaattggcg agggattttt ggattttgtc tttagataga aatagttgtg 98040
 ttttaaaagc tatggccagt cattttcttc ataaaaaaa agggagaagc tcacttagtt 98100
 cgaatgaatt ttgggctgac ttaattgatt gcactaccgg aaaaacctta tatggagaga 98160
 aagtacggtg gcaattaaat tctgaaacga gcttatactc cacattcaga aaaaatcaaa 98220
 acatttcatg ggaattacag cctaattgtt atgcactata tatgtctgag aatttaaagc 98280
 tgtattgggt attaccggg gggttctgcg tgtctggaac ttttaaatta aaagagaacg 98340
 atgaattttt cttcgattgg caatttggga tgtcttagga gttttttaca aaatgagtg 98400
 aattggtttt cgggtgtgta aaaaaagttg taccacgaat atcgttgtgt ggcaacatct 98460

tctcctggtt tgcgtgttga taaatttaaa gattgcttgc actgtaatat aattatttta 98520
aaaaagaatt tggattttgt ttttagcttg gccataaacg gaatacatgc cggacagttt 98580
gcaacaaatt ccattaaact aaaaaaaatt ataataacaa acgatttggt gtactacata 98640
ttagaattgg gatctttaac ggtaacggat ttacatttca ttccaaaata caatagtga 98700
catgtgctga atgtgcgacc tattacgcca aatctaattt atgatacttg ttcaattggt 98760
agttatgacg aagctaaact ttttaactgtt aaaggacctg gagaaaataa attaattcct 98820
ttgggttggtg gttcttggtg tctcaacaac attggacgtt attatgtgta cacttttgtc 98880
ctggtgtacg atttatactt ggcttgcttt gaaaaaaca ctttgccatc attatctaaa 98940
gtagtttttg atatgatttc ctgcaataat aaacattgtg ttttttgtaa ggatcatagt 99000
aaacacgtag aacaaactgg caaaaccgtt ggatgcactg ataatacaaga aacatgtttt 99060
tgttacacc catgcaagaa aaaaatggct aagatttcca accaagatct gtcttcatta 99120
ttatgtgatc aagagctcga tttacttgat ctaatttacc ctgaaaagcc cactagtctt 99180
tcaactgata taaatgctta cgtacatgga cataagaatc aagaaccagt cgttttaagg 99240
aatacaaact ggatattaat tgcgtcttgac ccagcaatta gcagattaat actcctttcc 99300
tgtccagtct gtaaacgcat agtaagtagg taagaaaaat ttgttactta cgtgagtgtt 99360
gtaacaacta gcaaacagtg ctgtactttt tattgtttcg tgttcgatag taatcacatt 99420
atcttgacag gtgatattct tttgcgggaa aaaacgtcta catttaaatt caacatcttt 99480
cataacaaag tgcgaaacgt gtttttgatg tgcaacataa ccaatgctga ttccttctaa 99540
attctttaat aaaaaacaaa taactggtat catgaaccat gttttaccgt gtcttctggg 99600
aactagaaaa acactagctt tctgtttaag tatgtttacg ctgctttcgt ttataaactc 99660
tatgtcaaatt ttatatttta agtaatcaag gacatgattg gccagtgtgg gtaatttcgt 99720
aacagagatg aaaaaaatta tgtgtataag aatgctcttt tgaaatggct ctagtttaatt 99780
tctttccttt ttattgggtg tctcaaaatc accgcagatc catctttgaa aatcttgaat 99840
aaatttttcg atctgtaaaa acatgggatt tctgtaaaaa cttgtttgta gctctagatg 99900
tttttgatat tgtacttctg tatttttctc tatgattgca gtaaatttga gctttgacaa 99960

agcgcagttc aaggggtcgc atattgcaat tttagatttt acgtgccggtt ggcgatcaca 100020
 aaagagatat aaaggtttaa catgcctgca atatgcatgt gtaaagccaa gttctggagt 100080
 taatataata aatcgttttt ggcaaaatat cgcgctgttt ggaaaagttg aagaaatctt 100140
 tacgtcctgt tcatgtttcc aaattataga ctgatacgct ttctgaattg catctatatc 100200
 gcatgatcgc aacatggaca cagatattgc tctagctgca atttataaag aaacgactaa 100260
 attaaatgaa aaggatgcta aaattttctc ggaggcagtg cagaccgcac taactgtgtg 100320
 taaagcaacc gctcctaata cacgtctaaa actcgttgaa acaccaacta ataacttctt 100380
 actagtaaca aatgttggtc catcagaaac ttcgaaagca acgactgaag caaatcttaa 100440
 tattgatgca gcgttggaag aactggcgtc ttcttttaac acagcggtag ctgtaaaatc 100500
 atccaaaaag tatttggtgc aaaatgtgag aaaaatgacc agtgagaaca tcgctctaac 100560
 tggatcatat atcatctata cgaaaaaaca catcgaggtg gcgtttctgt tagataagtc 100620
 tgattttggt caggatattt tacgttatgc tgaaacaccc agtcttctag gacataccga 100680
 tgtacgtgat ttagaatgtt tgttatggtt agctttttgt ggtcctatga gttattgtca 100740
 ggctgataat tgttttggac taaataaggc ggggtataac gcccctttcc caatattgtt 100800
 tccaccatgc atgtatgaaa gaaatatgaa ccttagtgta ttttttgggt tattgcaaatt 100860
 ttatgtgttc tctttgtata gagattttag tgcgaaaat tcaaatttac agcaaggtag 100920
 taaaaagcgt attaagttgg ttctgtcaga tttacgggcc aaagaaagaa tttgtgagga 100980
 agagatagga aattttccat tggcggctca aatatgcctg ttttgtgcat tatatagaca 101040
 aatatggctc tgtatggaat atgccgcaaa caatctaagt atgagtgtgt tcagtccaat 101100
 aatattaaag gactgtacat ttatgcaaac aacagttacc ataactcaaa tcttgccagg 101160
 ttctaaggaa gcaataattt tcccagttta cgatataggc aaattattat cagctcttgt 101220
 tttttcagag aacggtgtac ttttgaaact ataatgtcac tgcattgaatt aataaaacaa 101280
 actatgtcca aaaatttaga aaaaaaacat tatgagttgt taaaattaaa acttggtgaa 101340
 gatcatcctc ttagcgttcg acagcaaatt cacgctctca atcaaaatct tgtatcagaa 101400
 aatctcgaac agtcccagat aattacttct ttgacaaaaa tggttaaagga tcaaaagctg 101460

cagctgaaag cgcaaaggaa aaatgctgct cagctagaat gtgtagattt ggatgacatt 101520
ttggatacgg cagcgggaagt gaaatccgtc accgacaata taaaagaaac tttactggcc 101580
ggattagaat cagactaaat atggagcagc ttaagacacc ccaaaatcaa aaaacacgtc 101640
caagaaatat gcttcctaaa aaaaaaggaa aagaacttaa aaaaaggcct tgtaaagtaa 101700
aacgtaaatt atttggttcc gaaaacatca gacctaacaa aaaaatacct ctggcttcag 101760
acgtggataa cgaattggaa aaaaaacggg gctcgatgat acgaaaacgg tctgagacgg 101820
acttatgtcc agatccatct gtaacagacc tcctatgtca tgaatctttg actgtatctc 101880
caaagtttga acgagatgga ttgagtgcac gcacggaatt tgagaatttt atggatacaa 101940
ggaaaatcgt gttaagtcga aatgaaaagt ctgtgacaga tttaagtgcac cattaccccg 102000
ttttatgtaa tcttggaatt tttgagcgtc ttcattcacc ctttttgttt tcaatacaca 102060
ttgatactca gtcattttca gttgtctatg ttccacataa ggaaagttcc tgttctcagt 102120
tttgcgagcc agaaaaaac atggcacgga ttttaggaag cggatcatat ggaatggtat 102180
atgatttgaa caatgttgca attaaagctt ctgatgactt agagagctgc atttcttctt 102240
atgtgtctgg agtagttcgt gcaaaagccg gagctcaatt aacctcacgc gaatgcgtgt 102300
ttaaaagtct tttgatatgt aattctgtct gctgaacca taaaatctcc ctttccaaaa 102360
cttatgatac agatttatat aaatttacag actggaaatt ggaaaacggt gaaaattatt 102420
actctatttt ttgcaacctt gcagaagctg ttcggttttt aaacatggtg tgtaaaatca 102480
accattgtga tatttcacta gcaaatattt tgatacacca caaggaaggt attattttgg 102540
aggctgtggt agctgattac agtttagctg aagtacaccc acagtataat ggaaaatgtg 102600
gaatactaag acaatttgat cataggatcc agattgtgcc taaaagttat aataaattgt 102660
gtgacatggt taatccaggt ttcagacca tgatagctca caaaataatt ttggtcgaag 102720
tttatgcaga atttgatggt aagggaatc cagtgaagca ttgtaatcta gatctttgtg 102780
cactagcgca agtattttta ttatgtgtca tcagaatggt ggatgaacgc ggatgccgtg 102840
aggcgcaaaa atattatgaa aatcgattgt tcacgtactc aaatgaagct tgtactttga 102900
atccaatcaa atacccttta gaatataaag atgcttggtg caaagtttta gctgagcact 102960

tagtttttatt tggcattctt ttttatcgtg aggtggtgga tatgtttgaa aacttgtatg 103020
actttctgca cgcaagtggg gatttaagcg taagagattt actcgaggaa acatatgtaa 103080
atgacagtag agatgttaga agacaaccaa tcaggtatag gcacgcccaa ttacaaagac 103140
acgaaattgg tcaaatactt ttaaatagatc tgcaacaatt gctttccatt ataactattt 103200
cagatttaga gaaggatcca tattctgtat ttcgggtgta acatggcaat agattacgca 103260
caaatttctt gtaatttggc ttctattata gaagaggact cggctttttt atttctaata 103320
gacaaattaa acaatctgga catttcaaga aggaaaattt catttaattt tatccgtctg 103380
tggtatactt attatatctt aataaagttt aattctcgct tcaaagatac cttcttagcc 103440
agatcgttca ttgattatat gcatcaaaac atatcagatt ttatcgatga gaatgttgag 103500
ctatctgatt tatatagcaa tatttatgtc cgcttacaag atgcgagtcc aaaagttggt 103560
aagaatctat ttaaaatatt agaacgagag acaagaggac agtcaacaaa tccactctgg 103620
cacgctatgc gaaaaaattg catcacggca actaaaattt atgacatcta tatctctaaa 103680
tctttttcgg gtatacagga gcattcttat ttaggagatg cggttttata tggaattaaa 103740
catgaacgca tcatagaaca cctgttaaag acattctttg tgaaaaagcc ctggatatct 103800
aaaacacttg gtttattatt agatccttca tctggagtgt ttggtgcac catagattct 103860
tattatggaa tctcttttaa tgacaacaac ctgatagaag taggggataa agttgttata 103920
tttgaattga aatttagata taaatatctg agagaaaaaa acgatctatt tgtttccgag 103980
ctgttacaaa atccgtcaga aattgcttta gctaaattca tcttatcaca tccaatacca 104040
gctatagagt atagagaaaa tggaaagatg ccctcggcaa gagaatattt aatcactaac 104100
aatcctctat acgattctgg taaaaaacgt cgtgcttgct tgactcccaa aaatttgacg 104160
ttcgacatta cagactaat tcccatgaac gaaaaaaatg tgtcaacggc aattattttt 104220
gatgtcgtta aagactgtat attaaacaca ttggttgcac accaaaaagc tatttttact 104280
attgatgctt ttataaatcc taggcataga tattattttc agagtatttt acagcaatat 104340
gtaatgactc aattttatat acaggatcac gataatccag aaaatattga aaaagagaat 104400
ttaccctcgg tttatattgt atctgccata tttcgaaaaa gagaagacga cgaaaaaaac 104460

tgtcgttgc taattgagga cacagaatat ttagaagaag aaatcccttt aattttattg 104520
 attactccaa ttactattga cgctgaattt acttcacgag taatcaaaga tatatgctgt 104580
 atctgggaaa ataaaattgc acaacagaca aatttaaaaa tatgggctca aagtgtgtga 104640
 agacaatata tggcggcatc ttcagcaagg ccgaagacac cttagtagac tataaaggaa 104700
 aatatattaa tcttgaaaaa gaattttctg ctttaagtga tactgaatct gaagaagagt 104760
 tgcaactaga gaagccactt ctaaataaac aagattctag cgtttcgtta acccagaaga 104820
 aacttgaaaa tcaatccaaa taaacgtcca ttgattaaaa accctttatt catttgcttc 104880
 ttctaataca tctaggtctt ccactgttgt aggtaatttc ttataattat gatgtttccg 104940
 cataaaaaat ctaattaatc tgcataataa aaaggaaaga caaactatgg tgatcacagc 105000
 tagattgact atgaatttga cagtccattc cgttttaaat agtgaatcat attttagtat 105060
 tgggtaggtt aagcctagga taccaaaca aattccaaaa tgtaaacc aaattgaacctt 105120
 aacatactga tgtaaaatta attcaatcac caaagagtat acaaaagaca taacaaaaaa 105180
 ggtgttgata gatgcgaaag ccactgttga tgatttaata tagaaattgt tacctaaacc 105240
 tagacaaatc gtaattgcaa acaccatact ggaaaaaccc aacattagtt ctatcatatt 105300
 gattatgata gttttatatt ttattgtgcc tttgagtttt ggggtggatcc gtttcaatac 105360
 gaagaaagat ctttcagagg attgatactg tgttatcata gtcaatgtga aagctgtgaa 105420
 gcaaataaaa aacaggcaat acgtaaaagc tgcgagggtg actagtcgaa aagaaagaca 105480
 ggtgacaaag aactgatatg tatccatagt taaaacaaat tggaaacacg ataaactatc 105540
 ccccatccaa gttatatccc ttgtagattg attgatgttg ggagtttttt cggaagagaa 105600
 tacttttacg caacaaacta tatagtatac taagatgaag aaaaagcaga tatccatgaa 105660
 aacaacatag cagataagtt ggataggatt taggtagagt tgtggcggtta ggctgcggat 105720
 gtcattccgt atagagaggt tgatggcttt catatcattg atttcataat atgcgcatgg 105780
 gaatcccaa ttgggaaagt gaacagccac taaatgcact gtgacgttga catacgttaa 105840
 acaagcacag attatactta agacccaa tctcatatta atcacatcta ctctgctcaa 105900
 tgccattgtg gggatctgtc aaatggaaac tcagcttcaa aatgatcaat tatttttggg 105960

atggtttgga caaaatttgt tggattgcc a cttgcacaa aacgtttcag tgtatttgca 106020
agatgcttca atggttcatt ttaaaacctt ttctgaacaa ataaaaatta taagagctcc 106080
aatgggttct ggcaaaacct ctgcattgat agaattcttg aaaactgttt catatatga 106140
ttctgtcctt gttatttcct gtcgtaaaac ttttgctgca gaacttttaa atagattcaa 106200
gaagaatgat ttgaacgatt tctatctgta cagcgaaatt aaagagcgtc aaatcaacaa 106260
gaacaaactg ataattcaag tagaaagttt acatcgtgtt accaggaatt atcatgtttt 106320
aatactagat gaaataatgt ctattataaa acagttctat tcaaaaacca tgactaaagt 106380
caaggaagta gatgctaagc ttttaacgct cattagaaat tcaacacaga tcgtagctat 106440
ggatgcaaca gtcaatcgtt atgtggtgga ttttttctct ctctgtatgc cgcattttaa 106500
gtctgcattg atcataaata cgtttgtaag cgcgaatttt tctaatagat ctgcttattt 106560
ttgtccaact tttatagatg ggaatcttgc attttatgga attctaaaac aaaaattagg 106620
cttaggaaaa aacatttgct tattttgtag cacagttaca tctgccgatt tcatgtcaga 106680
attgttaaaa actgatttcc cggataaaaa aattttgctt ttaacttcta agcagggcaa 106740
atgtcattct gtcgagagtt ggataaacta taatattggt atttatacat ctattgtaac 106800
ggtcgggctc agttttgact ttctacattt ttcagctatg tttgtttaca ttcatttggt 106860
aaaaggtggc cctgatatgg tttcggtttt tcaatcaatg ggtagagtta gaaaggtcac 106920
agacaacgaa atttttattt atttgaatcc tgcattaatt caggtgcctc tttctgtatc 106980
ccctatttcg attccacaat gctatgattg gacacttttt gaaaagtcaa tcctacaatg 107040
cagctgtatg gattttaata aaaaatgtct cagtgcacaa aactacttgt ctaattccat 107100
gataaaacaa ttttttagaa ttaggcatta tattgaaaaa actacgctat taaatcttcc 107160
tgatagtctc tatcttttat gtcttttatt ggatagtaat tcaattaaag ttcacatcga 107220
tggagacgtc tttcctatag ctaaagaaaa attctacgca tttacaaaaa tgttggttca 107280
aggttgccat ttttttgaaa agaagaaaac agactttgta gaaaatacta tgacactgaa 107340
agaattgctt tctaatacaa atattactgt taacggagaa ttctatgaac ttggaaattt 107400
ccaagttcat aaagattaca ttgttaattt aaataatttc cagaatttat ttttgaaaaa 107460

tgatgttgac atttttgtaa ttgaagagat tatgcttact ttaaaatctg aaattaggag 107520
 gtttggtttt ataaatgctt tgctacaaaa atatgttgcc accggtatcg atgtggaaaa 107580
 gattaaagcg ttttttaaat cccgaatcaa aacatttact ctacctgaaa actatatatg 107640
 tagcaagttt tatttattaa gtgatatttc aggcgtacat gaatgtggta tgttgatgga 107700
 tgtagctttt ttagcagaat ctattagagc ggattttaa ttaacagtcct gtacagatac 107760
 gcaaactgac atctcagaag atgctatctt actttgctgct gcaagaagat catctgaaat 107820
 ccttaggatt ttacaaattg tttttacaac gcacgtgcaa ttatttgaaa aatacaacag 107880
 ttatacgtta tatttgttca atagggtaaa gggaaatgcaa ttaaatacct ggctactgtc 107940
 gattgcaaaa ttcagtgttt caataataag gatgtttttc aaatgtgcct ttaatatgaa 108000
 tctggttaag agtaaacca gatatatcgt tgggaagcca tttagaagtc taacgaaaag 108060
 ggaaatagaa actttacttg acatgtggca cgtatcaaga accaatctga aaacctacaa 108120
 agagttacgt aaggctctga cagaagcttc aaaaaaaga caaagaaaaa aaatttataa 108180
 attactaggt cacaatataa gttcttatat cagtgaact ggttgtctct tccagcatgc 108240
 agatgcgggg atgtgtttgt catctgggtg tctattgcgt tcataacgat tggaaaaata 108300
 aacaatatag agtaccaatt tatcaatgcc tgttttttta tgctgagact cactccttgc 108360
 atactttttt ggttattgga aatgagattt ctgaaaatct ccttgataag atttccattt 108420
 caaaagaaaa aatctttatg tgggatttga atgaacaaat aatgagtata actcaaaaga 108480
 cagagtcaat ctgtgaactg atgtttggca acaacaaat aattcaaaaa ctatccagaa 108540
 catttatttt cttaacaatt attttaaatt ctaatatgta tgaaataata gatgtctgca 108600
 tagacagtaa tgcggttttg tacatgccag acttaagacc aatgataata agatgtgttg 108660
 gaaactattc gaaaatatct tctgaactat tgctcagattc agactgcaca caggcgacaa 108720
 agaaaatgcg atttgattat cacgtcacia acttttgttt ctatttaa atgtcaatggta 108780
 aaaaagtact gttttctagt acagagtctt cagaaagtat tttagaaaaa ttgcttgagt 108840
 ttttcacaat acaaacatat aaattggcag aagaacaatt cttaatgggtg acacctaaaa 108900
 actttttttac cgtcttattt gatgaggaca tgtgtctact tttgctgcaa acagttgtta 108960

gttttttgta tgacaatcta tttcgaaata agttagttgt gaaacaagtt catgattaca 109020
ttggtccaga tttgtggccg caaggacatg agagggcagt ttattttgta gggtttccta 109080
atatgtgggtt tttatcgatt tacgatctgg acaacaagat accttgtatt aaaaatattt 109140
gcaatagaat tttactttac tgtggcctgc cagatagtct aggaccagat ggttgcca'ga 109200
gtgttccaag tacgcagtgt gtggatgaat tcgaagacct tcccaatttg ggagcattac 109260
aatatttgaa atataatagt ttgggttgta caatggaaac agtagaaaat tctgagaatg 109320
tgtattattt ttttggagag caggatctgt ttattgtcaa attggtagac attattcaat 109380
ctttgttga actatatgtt cctaaaagtt ttctcccaga ttttagcgat gcttatataa 109440
aaagtgaat cttattgaaa tttatatctc gacttcacaa aaaatctaac aacatttttt 109500
gtaagatcgt aaaaaaaatc acagagtttt tgagatgttt tttaaacgcg tgtcgattaa 109560
tggaatctta ttggatgttt attagaaaca tgcataattgt gtattttata ggtccaaaaa 109620
aggatccttc tgtagtactt cctctgttaa aaacgtctgt ggaaagttgt tggaaaaaaa 109680
ttctcaattc ttcaagaact ccagtagtga acataaatta catccttggg tacaatttcc 109740
tacacagctc atgtagcttt ttgacaagcg gagacatcaa tagtgaagat tctcattgga 109800
ctatcacagc tagcaagtgt ttatataatt gtttaggggc aagtcagatt acagtagatt 109860
ttaaaaatat ttacacaaat ttccagcaga tggttagcgt ttttctaagt cacagatacg 109920
aaaataaata ttggatcgaa tattttgagc ccaacaacta ttttctagag acacacgaag 109980
gtttactaga ctgtaataga tatacagctg tctggacaac agaaaacaaa ctaataagac 110040
aatctgttgg ttatccatta acggataaaa tagattttat tcattacatc caggttgtga 110100
tagaaatttt caaaaagtgg ctcttaacaa aatatagtca acaagagtat gcagaaactg 110160
ttagattagg aagtaagatc atctctgac atttacattt gtttaatgta aactagtttt 110220
ttctatttct gtcattttat attcctttga aaaggcatcg catatagcgc tttttaaaaa 110280
atctattaaa tatttagagt cgtcttgcaa acgtctcgtg tttagtgata gagtacatgt 110340
gtcgtcattg tcgtgagatt tgaaaaaaag atttaacatg tgtatatttg ctgtttttga 110400
ctcataatag agctgaataa tgggtggaac tttatccagt acgtcttgct gtttgtcatc 110460

gtaaaaaatg tatcttaaaa tactaatcaa tttttgacag gtgcaggcta gaagttttaga 110520
 gactggcaga gttacactga tttttttaat aatatctcgt aatttaagta gtgtctgccc 110580
 ttttattggt agattttcta gagcatatac aataccacag agtaaaaact ccgtgtcttc 110640
 ctttaaaatc aaataaatga ttcttcgttt acattgagtt ttactcagcc gaatctcttc 110700
 tagcgtatct tcggaatcaa gaagaataat gccaatgaag cctagaaacc ctaatgtttt 110760
 ctcacatatg cttttatagg atttgccatt tacaattgtg ccatcttcca aatgaaacca 110820
 tacatcatca tttccaaccg aaatatcaat taaaggtaaa tttttaatgg aaacgtgttc 110880
 ggcggtgttg tttagttcac agatatccg gacgcttgat atattgaata tgtctagagt 110940
 ttcgaatcct ttttaagcttg ctggcaacgt catcttgcg atattgaaaa tcttctgggt 111000
 ttgtggatcc taaatcaggt gtcaaagtca aatcactttg tttctgagta tgtattaaat 111060
 gcgaaagctc gttaatctgc cgtatataga ttaatcttaa ataatgctta attttacagt 111120
 ttgagtacac agctaacata atctctttta gagagaggaa cagaaactct tctgggagca 111180
 gttcaaaatg tcttaatttt agaacatgtt tcatgaaggg tataagaagc aattctagcg 111240
 tgtaatttga atatgagatg ctgtcttct gtccttgatt gttgacattt tttcgtagac 111300
 ggaatgtcct tgtgtattca gtttcccata attgatcaat ttttttgtct gcgtattcaa 111360
 tatctggaat atattgtgaa aaaaaactgt ttgccacagc tctggtgtcg tctattgata 111420
 cactagtga tgggagactt tgaactttgt tcagagcttt agcgagagac aagctttcaa 111480
 tatctgaatc taaagtaaag tcatgtttag aagtttcgga taaatttatt aatgaatgca 111540
 tgtctttaat cttattttca aatagccgat ttgcagtttt cagtgtttcg atttcgtcca 111600
 gttgtgattg aatctgttcc tccatgcatt ttatgatttg ttttttgaag atatctctaa 111660
 tatcgcgac attattgtcc tgcccacgac gttgcaaatt tcctttgctg attaataatt 111720
 tattttggtc aattatagac ggcgatgatg cttgtaaaaa accctcaata ctatctgtta 111780
 ttccaatttt agatttacta tcggacaagt ttaatagaaa ctttataaga ctttttttcg 111840
 catcgtggt tttttcctct ctttctataa gttctagaat ttttttgta tcaacactgt 111900
 tctttgatgt agttaaaact ttaattggaa aagtattcag caattgacac attttacggt 111960

gctgtgtag gttttcgtgt ttattcaatt ctgagtataa gtgagctagg ggtgttgtaa 112020
acagcaattg attatttatg aaatatggtg cactgtaaac aaagtactct agttccttgt 112080
tattggagag acaggttata ttgccgtttg acttgtttcg ataaatgttt atgttggtga 112140
aatcggcaat agatgttgag gagatctgtg ttaaaatgtg cagtagaaag ttctgtttgt 112200
ttcgtatgat ttcttgaatc aatctagagg aaatactttt tgctaagggt gtcagcgtaa 112260
ccttgttttt tggtaatgtg acaattggtg ttattccaat cgtacaaatc caatcaatgt 112320
atattattata aatgtcgta tcgagatttt gaaggatgta gtttatcggt tgcaaaatgc 112380
cttcaggat tacctgtttg attgcataat accagatatt aaaatattct tgaaatgaca 112440
tgcctttact gcggaacgga aatgctttca gatgacgttg ccattcagca ttgatctgct 112500
ggatggatat actattcaag agagtgtgtg acagtgtgta aaacatttgc ttcttaaaga 112560
cagccgagtc tctaagaaca ctgtgtatag attgtccctt aaagaattct tttttaccgt 112620
gtagcatttc tataaatttt atagtcttaa tagaaggaaa taaaatgtca ttgtcttcat 112680
tattcaatgg taaatatgac acaaaattcc ttttaaacat gtcactgct gctaagggtgg 112740
agttgattgt tgagaaagtt gcagctttag ctgatgcctg tttagagacg ccgttaccaa 112800
ctgactgggt tcgtaacatt cttgatcctg aattagaatt taatagcaat tttgaagaaa 112860
ttcattctat aggtgatgaa gaatttgctc aaccgttgcc atttttacct tttagagtat 112920
tattaataac cgttactgcg ggtgcgggca aaacaagcag cattcaaacc ttagcagcta 112980
atagtgattg tcttataact gctaccactt ccattgctgc tcaaaatctt agtggtttat 113040
tgaacagaac caaatctgcg caagtgaaaa caatttttaa aacatttggt tttaatagtt 113100
cacatgtatc tatgaatgaa agaattagtt gttcagtaac aactttagat tcgattgcgg 113160
atcagcaaaa acatgattta tctacatatt ggaacgtcat cgcagatata gcggaagag 113220
ctttgaatgc agcaaatggg aaagccaaag tgatacctga tctatgtgaa agcagtgtga 113280
ttgtgattga tgaagcagga gtgatcttaa ggcacatttt gcatacagtt gtcttttttt 113340
attggtttta taacggtctt cataaaacac agctctataa aaatagagtt attccttgta 113400
ttgtatgtgt tggatctcct acacaaagtg gggctttaat ttcacgttt aatccgttaa 113460

cacaaaataa agacgtaaag aaaggatttg atatcttata cgctttaata tgtgacgaca 113520
ttctatcaaa ttactgtaaa atatcagaaa attgggtgat ttttgtaaat aataaacgat 113580
gcactgatgt ggaattcggc gaatttttaa aacatataga atttggtttg ccattgaaac 113640
ctgaattgat tgagtatgtt gataggtttg ttagaccggc aacttatatt agaaatccta 113700
caaacgaaat tggaatgacg cgtttatatt tatcacatta cgaagttaag tcatatttta 113760
aagttttaca tgagcaggtc gaactgacaa ataaagataa tctttttact tttcctgttt 113820
atttcataat tcagaataaa gcatttgaag attacaaaaa tgaaatttca aattttactt 113880
tagagattga accatggttt aaaactaatt tacacagatt aaatacttat tcccaattcg 113940
ctgatcaaga tttgtctaag accatacaaa tcgaagaaat tgtattagat gatgggtcgg 114000
tagaggaaac tttgataacg tgtcatttga aacatataaa acatagttct attggcgta 114060
cttcagaac aaaatcttca actggtgggt tttcaggac atatgaaaaa tttgtggagc 114120
ttctgcaaag tgatttatatt attgaaaaaa cagcatgcga atatagcgtg cagcctatt 114180
ccttcttgac aggtttaatg tatgggggta tgtattcttt ctgtttatcc gaattcacga 114240
cttctgaagt aatgacagaa ataagaaaga tcaaattgcc caatattgat tttctacaaa 114300
caatgacagc tgaagtttct ttgcaaact tcgatgaatc agacgaatac tatgatctac 114360
acattgcacc tacagatgaa gaaatgtag cttcggatcc gtgccagat cttttttttt 114420
taaagtacaa gcaacttcca ttaacgaatg ttctaactt tgaagaaatc agttaccttt 114480
atacagtatt taaagagatt ttcatttcta gatttgcaat tctacaaagg cacagtaaag 114540
aaatgttcgg caagagtaat ttaatcacat ataataggaa taatgtttcg agcaaaagat 114600
gtggggagat atgttcacat gttaaaagct tctacggcat gttacatat gctgtgcctg 114660
ctaataatta tactttggaa ggatatactt atgataatgt gattttctta gggacggata 114720
aaatgcttcc tccgataatt tacaaaagag gtttaccxaa aattgttatc aaggatgaaa 114780
tgggctttat ttcgatctta gacaacaatg tatcaaaact tactgacact gtcaatggta 114840
acagttttca tatctgtaca accatagatt acgccatagt ttctaaagt gcaatgactg 114900
tgacaaaaag tcaaggctta tctatacaaa ggggtgcctt agattttgga aatgaccta 114960

aaaatttaaa gttgagttct atatatgttg gtatgtcaag agttgttgat ccaaataatt 115020
 taattatgaa tctgaaccct ttacggttga actatgaaaa tgataatatt attgcttcac 115080
 atattgtaaa ggccttaaaa aataaagata ctatgcttat tttttaaatg ccagagtttg 115140
 tgttgattga cgtatTTTTT taaactaagt tgaaattaag tttttcatgt atcgatgtgc 115200
 ttttttctgg tatgttttta atggttggca attgtaaaaa taaagacatg aatcaatgat 115260
 ttggtataca ctatTTTtatt gcgaaaatga taaatactct gggccggaa gttgaggctt 115320
 ttagaaatct ttcattcttct gaatctgcaa agaaaaaaaa tgcttagaat cttttgcaca 115380
 tctagataaa gtaggtaaaa aataaatata aacaaaattt accgtctgcg tagttatttg 115440
 ttccagttga atgaggactg cagtattctt atgccagggt tttcaaagac gcagtctaaa 115500
 agtaaagga aaaacttttc cggagtatac aaatgtactc cggattgcgc aggctgtttt 115560
 attctacatt taaaattgat ggcagttagc ggtgtcagggt ggtatgtatg gtgtctattt 115620
 taagtatgtc agaaatcaac taaagttcct tttccacaca ctactgaagg ttgtatgaat 115680
 atcacaattc acaattttat aacaatctag agttgctttt taaggatatg aaaaagccta 115740
 tgaaatcatg caaaatgctg ataattgtac attcagaaag ctaaaactac ttattcttaa 115800
 tatctatgac ttaaccttaa aaatctatga caaaacctat tgattattct taacagctat 115860
 tattaaaatt aaaagtgatt aactattctt aaaaactatg attttacccc attccccacc 115920
 cccaccccca ccttcttga ttatatcccg gaccccacta aatggattgt ctttgtatta 115980
 tgttggtgtg ttgcccacta cacactgaaa catagtacaa gggctaactc ttaatggtta 116040
 caagtatgca gctcaaaatc gtaatggttc tgatctttct tgtacatgtt caagttttcg 116100
 gcggttaaga tgcttttagag atagttcaag atttttagatt caaaacatca cttatctcca 116160
 cagatcattt ccaagcaatt gtacagaaag atagaatgtc aatgagaaca gccgttctca 116220
 ttgtcttcac aaagtgaggt tcagatcatg acatagtagc cgtaaattggc tactgtgggt 116280
 tacattataa atgagaacag ccgttcccat agtttttaaaa tgaggtttaa aacatacagt 116340
 agccattaca tggttactgt ggtccaaaac gcggtatccg aatcgcaatc cacaatacac 116400
 agtcccgttg ttcaaaaagt tatgcagttg gcggtcttaa tcaggatatga gatggtatgg 116460

caatacacgt tgtaaaaatt ctgagatttg aaacaatgat gtcactgttg taggatatcc 116520
 tgtagttttt gatggttttt tggttgatga cttacacaag atcaaaagtt actggtaatc 116580
 cttagtgtta gatcttacat gatatgacaa gagaaaaaaa gctatatatg ggaagggata 116640
 acccatatca aacaagaaaa gttaaagaga agaaactatg agatgggaga acctataaca 116700
 aatacacttt taagattggg gtgggtgaac agggcataac tgtagcaata aaaccagtga 116760
 ccgacagtta cattccttca taaaaactaa cgtgatagca aaaaaatat acataaataa 116820
 agaagatggc ttttcaagtg ataatggcag tctagataga cttatatctg tgagaggtgt 116880
 gtcagtccat atacaacttt tcctattacc tcgtctaaaa aaggcaacct aaaactggct 116940
 gttttacctg ggatgattta aatatagaat aaacattcac ctaccttggt ttcttctctg 117000
 aagagtagta gtgttgactg cattgtctcc gtgtatcttg atccaataga gctttatcta 117060
 ataaatacaa aaaaggaaaa atccgtatat tccataactt gttaagtaca atttccataa 117120
 aaattgaaaa aatatatcgt ttagatgtta taaaaagtt tatcgtttta actaatcatt 117180
 gtctattttc agacatcgat acagagtttg atatttacga gtttttcgaa agattaaatt 117240
 tcaatctcac ctctttcgct gtcttaacag ttcattgtaga tcgcgggctt tataaacaaa 117300
 tgctttccag ttttccacgc cctgggggat atgacgcaat ttcttctatc cgtgaacttg 117360
 tcgtgtttgc ggttaaactc gcggaagtaa accgttattt tttctcgaa ggtaaaatac 117420
 aaaaacggtt tatgcgaaac aatttcaggc aaatatcatt gcgacttttt aaaaacgatt 117480
 taagttatga gggtttttgt tggctacatt ccggaaatca attttcatgt cagaaagcat 117540
 aaaagggaga tgcttttgtg tcaggaagca actttatcag tcaagaactg tgaagtacat 117600
 tccttgagaa atcacttaga ctcgtagtaa gaagtgaagt tttcagtgag tggaagcagg 117660
 taagtataaa atttccctat tctatttcaa cctgtactcg actctgaata cgttatttct 117720
 tttattgaca gaatgattgc ggaggataga gaatatggaa cgtttgaatc tgtaaccag 117780
 gcttatcagc agatcattag tcatacttta cagctgagac gatatgaatt tgaaactggg 117840
 tgcattgatta tgttttctgc taattctgga aaatgtgaga tgctctctaa tggttggatt 117900
 tcaatgattt catggacttc agaaaccgat acggccggct cattgacatt ggatatttgt 117960

actgagggag ggcagtgcaa aacttacagt gccagagggtc atatattatg ttctaaaaac 118020
 atcacttcaa tttctcagaa aaacgagggga aaggaaaaag ttttgacgat ttgtcatgac 118080
 aatggaaaat tgcatttaac ttatatcaca gttctaaaaa gcggccttga ttgtgatatc 118140
 aaagaccaa aactggagaa actgtttgaa aaagaacatg cagaacgaaa aaagcaagat 118200
 gatgattata aaaaaaagc tcttaaacia aaagataaac gccgttctga gcaaaaaatt 118260
 ttggaagact gtgataaaaa agatgaaaaa aaaagaatgg atgacaccga aaaagaaaaa 118320
 ctacaagagg accgtcgaaa cgaaaaacia gacctaaaaa aaagagtaga tgacaccgaa 118380
 aaaagaaaat tagaagatga ccgtcgaaac gaaaaacaag acctcgaagg ttagttgcct 118440
 tttttctaaa tcactagtcc taaatatgac ttgttgaatt tttgtagtgt ctaaggtttt 118500
 tacataaaca tgttttctta gatgcatcca aagaaaaaag gatgaaagtg catcacgaaa 118560
 aacgtcatgc ggaagaacia gcaaacgaag aggttgcttc ttcgagtcag ttatcaagta 118620
 gaataccaga ggggtgcgtta tcgcccacta tttctattga tcttcaggaa tatcaagaat 118680
 ttgaggattt tgacaagcgc atttgtgggc aggtgggtgg agttttgggt ttatgatgca 118740
 tttttattgc agttttttat gtgggttaaag atgtttcttt cttttagggg aagaatcaag 118800
 acgctgtatg caagaaagtc caaagtgatg aaagtttttg tataaataaa ccgttagagc 118860
 agtttagaga gaaactaata aaaattactc atgaagctgt acaacagtca ctgttacaat 118920
 cgcggggaaa aaatgaggat aataaaaaag atgttaccga aaatgtaaaa ttcgctgatg 118980
 aaaatatgaa tttcgcaggg ggttctaaat gtacttctaa aactaagcat attgaagatc 119040
 aacaaatata gtttggggca caaaatagat ttgttcctat atgtgaaata aaaccattta 119100
 ttgatgtcaa ctttttaaaa tcaaatgtaa gaggtagaag gagtactcgt ggaagaagaa 119160
 actcaaactc cgctagattt tcggcctcta cttttgaaca accaattgaa acttctgaga 119220
 tgctgacggg ttcgactcga tccagaggac gttccagggg aaggccaaga ggcagaggca 119280
 gatccagaaa catgtcaatg agacaaactc caagagaagt tgaagacatg ttaccgattg 119340
 ttttgacag tgacagtgac acggagactt taaggcgtaa tgaagattta ttggcgtcct 119400
 ccatattaca gactttataa atcgtttgtt atgttccaat caattggaca tttgttgtgg 119460

atttgtaaatt atttatttgc ttttaaaaaa tgaccacaac cgataaaaagg tgtttttgat 119520
 cctttttgttc tcggagatgg atgtgcacat tccaaaatca agtggtttctt tgaatctatt 119580
 aaagacacga gtttgcgagc ctgtgatccc cacaacataa aaactaagtt ttgcattttt 119640
 tctgatagtt ggtaataaat tcggttgctc aaaacttgcc atccaatcgc ttcattgggac 119700
 attggtactc cccttataac tgtgaaaaca gtgttgagta acaaaacgcc ttgggcacac 119760
 caagatttta aagatccgtg ggctggagct ttaaaattct ctattgttct ttcaagttct 119820
 gcaaaaatgg tttttaaaga attcggaggg gaacatcctc tcacagtgc gaaagctaatt 119880
 ccgtgacctc taccatcggg ataaggatct tggccacta ttatcacctt aatctcttca 119940
 ggcgaaacata aataactcca gctgtgtaca ttctgaggat cggggtagat aattaatctt 120000
 tctctgtcac gctgaaccaa tttgtataca ttttgtaatt gtacaatgtc agaattctgat 120060
 aagtttaaaa acttaagcca cttcacattg atttgaaacg tttcatgttg ttcttcaaga 120120
 gacattttta ttgagttgtc atctgaaatg ttttcagca tccactgtag taatgccatt 120180
 attgaatggg agaagcagtg ttcattgggct ttttattaat gttgcctgaa cacgtgacac 120240
 ataagttgag cgatctataa agcatgcgtc agtaagttct aatgagcaaa ttcgaaaact 120300
 cgcttcggaa tggaagcact tcattatatt tttccatttc ttgaattaac gggaaaactaa 120360
 agttgtaata cctagaaaaa tatctcaaac aatttaacaa agcatcaaaa acattaattc 120420
 catggtgatc aattctcaca attctctgtg tgcgagtctc ttcattttca aggtaaatca 120480
 aaattgacat gttaaaattt atcatatttg atggtatatt gaattcaaatt ccgattatat 120540
 tttctacaaa gatgttgccc gtgaatttga gtttttcata agagtatgat ttacacacat 120600
 tatctctaca ggtaaaaagt gtgttatctg aaagacatct ttcaaagtta tttaaaaagc 120660
 caagccagtt gtgccctgat tctgaatctt taattaagga aagtaagggtg tgtagttgat 120720
 taggattatt atacagtagg taaaatgttt ctaaaaaatc ttcattcaatt aaaacttgat 120780
 ctctccttga gatataggga gtatgatata ataagcgaga aattatatcc gaatttggtg 120840
 taggtgcctg atcaataggt tccagaagcg acagagtttt tgattgggta caatttagaa 120900
 tgtttttgat acattcttgt tctaaattag aataataaga gttattaaat aaagcatata 120960

tttggtttag aatggagata agaaatataa aaaagatggt agttttcatg ttccataaag 121020
 ttgtatacaa aacaccagga acttaaatat ggaagacaca tttaaagga atctaataat 121080
 ttacataccg tttttgaagt gagctttcta attatttcgt gattatagaa attatcattc 121140
 tgttaaatac tctgaaacag aaaatctgga attcttaaca gtaggttttc cttacctgta 121200
 ttagtagaag ttgtattttt agaagtcgaa tctgagtcaa gatctataga aaatataaac 121260
 tttatatcat tccaaaagtt aagcaataaa tatataacgt aattcgagtc aatcagagta 121320
 cataagtttt aaaatatact atgtctttaa tagtttacca taatcgtccc agtagatgta 121380
 tctattgaaa gtattataga tgattaaatg ctctttaagt aataaagggt gtgttaactt 121440
 tgagacattt agtaaaatgt cagcagggtg acgaattgaa aattggacac agagatgagc 121500
 agcacaaaat agatcttttt cagttggggc atttatgtac agagagtaga caccactatt 121560
 tttcctgtgt ttgctgttga cattcacagg catcatagct tcttttctag tcagttcagt 121620
 atgtggcact gttcctctga gaaatctggt aattgctatg gcagttttct gttcatggaa 121680
 aaagatctca gaaacggttt gttcgctttt gttaacaatc agattagcta tttccatcaa 121740
 tttttcgtga agtgagttta caagtaatcc gttacgtgaa taaacttgaa tttgaactac 121800
 agtcgaatta taaaatcgaa gtaatttata aacttccgat aagaaatttt tcggcgaaca 121860
 taaaccgcat ggatgcataa aatcacaatt aaaatctgta taatttttta tttcaggaga 121920
 gtggataggt ttggaatcgt taaaattgct gtgaacaata cccttagatt ttgttgcaaa 121980
 gtttgctggt gagagatttt cttttacagc cttaaataatt tttctcaatt tagaatgttt 122040
 atagatggca ttcgtatatt tgtccgcctt aagtaacatt tctgattttg aaatgtttat 122100
 ttcagaattt attttttcag gaattgtaca ttttatggct ttttcattaa acggtaacgt 122160
 ttttgaaaaa cagttacatg tatatcgagc attggcttta gtacacatgc agcttttaga 122220
 agtgagttta cctttggcct taaaacagt tttacgtttt ttgccctca tattcaagta 122280
 ctgaagcttt caaaattttc aatgttgatg agttcctagt ttacacagaa ggggtgaagc 122340
 tattataacg aaaagcagga cactggagat tattaaaatt atccacgcca aatcgttggt 122400
 aattaactct gactgtttta gagaatcatc acttaataatt gtatcattat aggggttttc 122460

aaatggttga ataatcgagg taacattctc gtctatctct ccgccgtaag acagacaagt 122520
 gatcggtttg ccaaagaacg tattgctgcc ttgtctttta aaaagaaagc tgagtgtcgt 122580
 tgtctgcgag ccgttgtaat tttcacgcac tgttggactg tcctgtctat atatcttata 122640
 taaaaataaa atggctacta atggcttttg atacgacgtc acagaacatg ttacatccaa 122700
 aaaattttgc agatggcgat agtacaaagc aattattggc ttcattgaaa gatgcacaca 122760
 actcatagta gacaatcgag tcttggcgaa gaatgcacat gttaagcaac cagcatcggt 122820
 aattgttcga gatttaaatt tcagcaatgc tgtgatattg ttagcattga agtaaataat 122880
 gctttctttg tcacgatgtt taaattcatg aactattttt tcaactcatgt ttttcagggt 122940
 tttggtattt atggtatgat ttaatatcag ttcgtaatgt ttaaaccata ttacagagct 123000
 gagattttta gttgtatcaa cagtacactg aaatacaatt gtgtttccta gttctactct 123060
 atgatgcatt attggagata atgcatatat gattacagaa aatccaatca tctttatgaa 123120
 aattgcacct aagaaaggca ttgtgtgaaa ttgtctgatt ttggattttt ctgcatctat 123180
 attatctgga cacaccctaa aaaaccacta ttttttctct tttactttga tttttgtgtt 123240
 ttttttttaa aatgtggacc caccattca aaaataaggc gtttggggta aagcaaatgt 123300
 aatctttatt ttttttttaa aatttacaaa gtgctgtgta ttttgaaaga aaatctctac 123360
 ttacaggatt atagatggaa atcggattat ccccatcggt gatagagctt aatcgcagaa 123420
 caatttcttt tggctctctt tttgcataat tgttacagat tttagctgcc atgaaaaaat 123480
 ctattggtgt tgcagcgtat attataattg ttttgagatc tgaatgtctt gtatacagag 123540
 tatgtgcact attactaatg ttctcccaca attcatgcgg tccttttttt tgtaattcga 123600
 tgaaattctt tatggaatct ttgtcataat atcgcggggg ggcgtgggtc attttaaagg 123660
 gttcagacat ggtgatatta ggtcttacca ttagctcttt ttgcatggct tttatgtctt 123720
 cggcaacagt ttttgacctg gtaaaatata ttataagcgc accggattta gagcttccat 123780
 tgcagcacia agcataaacc gattctttca atttggcttc cggaaacggt ttttttgga 123840
 tttgtttata ttcaaaagcg cggattgttt ttcgaaacag tttttcaaaa tcttttagtg 123900
 gaacacgacc acgttgtact ttaaatttag ctgattgctt ttgctcttgt aattttacat 123960

actccctgta ggataaatca ttatcagata gttctgagtc agatTTTTTgg gtaccagata 124020
 tccgctTTTT gtagaaaagc tgcattgcttg agtccgaatc atcagaaaaa cgTTTctctg 124080
 catttctgcg tttattttta aaaaatttat tagtactttt cttttgttca tactcattcg 124140
 gaatactttt ggcccatga gtaaaatcta tatctacacg cttgctTTTT tgtgtagatc 124200
 cagaagacca cgaatgatta gaacagcttc tttccgatct ttttttgcaa tctgattcag 124260
 aagacctgct tctacttctt agagtttctg aattcttatt tttacaggat tgataagtgc 124320
 tttcagaaat actgtgttct gaatttgatc tagatataga tatcaaagt ttgcattgtg 124380
 tttccgactg agaatcttgt ttattgttag aacacacttt acatgttctg gatttagatg 124440
 cagatctaga tctcgatgta tcagagctgc ttctagatct gtgttttttg cgatgtcttg 124500
 ttttagtact ttctgaacat gattctgact cagtgtttct gtgttcgtgc cgtctctttt 124560
 tagaagagga aaaggattgg gattgtaaat ctgaattgg atccgattct gactctgtgc 124620
 tcggtggtct ctttttcctt atgtgagggc gaaatcttgg attatacaaa tgttcattgt 124680
 tttgatctaa ttgaagtcta gattcaacat gtttatacaa atttagctct tttccacacc 124740
 tgaattcaaa ttctgacata tcaactttgc taacaaaatc aactgtctta ttgccattag 124800
 aattaggaga ttctgtatat gaaggtttta actctgtaga ggaacaacta tttctactta 124860
 atacagaatt tttagaagat gctgagctag atgacttaca actgcattta ctgcttgaa 124920
 tgctgcttga actcgatgta tccgtatcag agtcaactgga tgaacttcgt gtagattttg 124980
 gactcataga tctatcactt ataggaaact tttttgtttc agaggagttc tgtgtgcatt 125040
 gtaattcatt atcaaagaat tcaaatagcc cattctctgt gtctgattta gctaaaaatt 125100
 cttgctcagg acttacaaaa ttttggtgcta tttcatctgt ggTTtgagaa atgatctgtt 125160
 ccatgtgttg attttctatg ctgtgtacat gttcaacttc tgactgtgaa taatcattta 125220
 ctggtgattt atattgtcct tctcagtac tacttgaatc agatcgtgtc ctttgtgtaa 125280
 gattgtcggt acacatggaa tctgttgat ttgatttttc agattctaca gggggattat 125340
 cgatagaagg tatattacat ggtgctgtga ctttccctc aaaatcgttg tccttagcat 125400
 ctattttgga attaacagta gtttttgctt gtctaggtct acctacacga tatgaatttt 125460

ttctgtaca ttttgtatca gagaaaacag tactagaatt acaattttaag gcagtactta 125520
 ctgtacagcg tgaagattgc ttaatgaatt ctatatcaga agcagaaatg tctttgtcat 125580
 ttttttctag gagtctttta aaattaatca acttagttgg agctcgttga tttgattcct 125640
 gtacgtctgg tttaggagtt aatggcagtg gagaaagcat tggttctagt tttgataatt 125700
 ttctgagatt ttctatagct tcatctggtg atttgtcctt tttctttaag tttgaagaac 125760
 ctttgtccaa gttgggacaa tgcttagaat ctgtagtcga tgtgatttgt ttttcttttg 125820
 atgtactagg tcttgttcta gctttcataa aagtcttttc ctgtgaagac ttgttatatt 125880
 tacatttgtc tacatctgaa gtcgaagata gactgtcttt agccagggga actatatcag 125940
 cattataaat tcttttaatt agatccatct tatgagaact tggaaatat gacaagctta 126000
 caacatcctc attttgtggt gttttgtctt tgtctgtctt tttcctggca ggtttttcca 126060
 aattgttcac gtttgagatt aatttggttt ccttgtgatt tgtctgaatt ggtgtatttt 126120
 gactgtattc acttttcttt gataatgtaa gacctgatga aatacattct ttttgaagg 126180
 tttgactatc tgtgatcata gagctgcttg gaatttgtga aaaagccatg ctgtaatctc 126240
 tgctttgaaa gccatagtta ggacaaagtt gttgataatt gtctctgtaa ggattatgtc 126300
 taaaatctga attgtatgag tcatatgact gatctcgttg catatattcc ggaaaggtaa 126360
 attcatttct gttggaaaag tcatgaaatt tagcatagcc acgtccacgt ctgttgtaag 126420
 gtctgtgaaa atgtttacca taatgatttt ggtattttga gttagggtta caataatttc 126480
 tactgtcata ttttctctg ttgttgcgac ccctgtaatg atgttgtcga taggttgtat 126540
 cgaacgaatt gtgacaaagt tctctatttt tatagtccaa attgttaaaa atatcaactg 126600
 aagattgggg ttgatatggt aaagagataa aattttctcc acttgcttga ggataattat 126660
 aatacaatga ttgcagtcct tgatgtggca attctgatgc aaatcgaaat tgtccagttt 126720
 cagttgtatt tggagaagat tcagaagtaa aagtacttct tgatttaaga ggaatagcac 126780
 gtcgcggatc ttgaagagtt tttgatgtga ctatttcttg gttgttaaaa tttgaataag 126840
 ttatttcatt ttctggtttt gtatgatcgt gaatttcatt atataaacc gaaagagtca 126900
 tggcttcacg aaccacgtca gctgtagtgc tcatgggtgc atgcaatggt cttttttctg 126960

aaaatgaaaa ataaaaattg tttatttttaa aatggttatta aattagcgat aataactaaga 127020
 tgatatatac ctttaaataag agtggaaatg tactttttaat tgtctagaaa atataacgca 127080
 atatgttagt taaaaatgta acttggttaga ttgatatttc atgggccctg aaacctgcat 127140
 atgagctaatt gtgtgtacaa atttgtgaca ataaatatta aagtggaaac attccaaatg 127200
 tagcaattta catgtaaacg gatatgtaaa tgtaataaag atgtgtatgg ttatgtcaaa 127260
 agagctaatt tgcaaacatg cagttattaa ttgtaatgga tgtacaaatg ttgatacatg 127320
 tttgtgtctg ttgctgtgta tatgagttaa tgttaaatgt ttatgtaaat attatatgtt 127380
 ggtacatatc aatgtattta tgttgataag cagatgttag tatgtattag tatcaatgga 127440
 ttgtagtatg ctactgcatg ctattaaaca agtagagtgt ttacttgtat tagattatat 127500
 ttacatgaca ttgtcatgta aatatatagt tgcatacatt tttcatgtaa caacacatat 127560
 gtgttcatgt acatattaca taatatatgc tagtaaataa ttacatgcac tagtaaatat 127620
 ttgcacatgc taatgtgttc atgtgggtat atgtacatat tacataatat atgctagtaa 127680
 atgattacat gcactagcat atatttgcac atactaatgt gttcatgtgg gtatatgtac 127740
 atattacata atatatgcta gtaaatagatt acatgcacta gcatatatatt gcacatacta 127800
 atgtgttcat gtgggtatat gtacatatta cataatatat gctagtaaata gattacatgc 127860
 actagtaaata atttgcacat gctaatacat aacagtacat gttaataact tttgatctat 127920
 gccgctacat gttagtacat gctatactga taatgcgtgg aagtttatta tttggatttc 127980
 tgtaagggtca tgtgtattct atgaatgagt atataaatgg gtatgttaat atatgttagt 128040
 atggttgcaa gtaaagatat gttaatgtgt attagtaagt acgtaatgta tgtgaatgta 128100
 ttcaattttc aaagaaatga tatagaaatt tctaaacatg ttattgtgga aaatgtagat 128160
 cttgtgatct attataataa tataaacata aattaaattt ttaagttata gctaccaatc 128220
 tttgcctatt tttcttgggg ggcatacttt ttatatgatt ttatatgtac ggaaatatat 128280
 gtacgtagaa taaagaataa aatacttgaa atcaaaccct gttataagta aatttactta 128340
 gtatcatata tgtataaatt ttgataattt atgaagatgg cataaatgtt gaaaatatc 128400
 atgtgtttgt tataagaatt tcaatgttac taaaataaaa ccaatcacta attatctttt 128460

atatgcaaaa atgtgtcttt gtatatattc aaattaaaat ttaaaactta tgttttaatc 128520
 atgtgaaata cagatgtatg aatatgtagc atggaaactt caaaaatata aatcatatag 128580
 acctattgct ttaactatat ttaagattta catattttaa tattacataa taaaaatttt 128640
 aatattttaa taaaaatatg tattataaat atgttattta ctagtacagc tttataaatt 128700
 aaagaacata tgtattttaa gtttaaaaac taatgaaatg tgcttctatg agttaattgt 128760
 aaatgtcaat tttgtgattt taatatTTTT ctaaataatg agattcaatg ttgttaatta 128820
 gatgtgtgca gtttgagaac atgtttatat ttacaaaaat ttgtatatat ttaaaaatat 128880
 gttaatcagc atagccttat ttataatgat taatttttaa ttctatgtaa ttaaacttta 128940
 tggacaaaat aaatttcaaa ccatttattt tgaaaaacat aaatgcagtt tagaactgat 129000
 acaatttttt ttttcaaaag gggtagacac ttaaaagatt ttttacagtg gttataaaaag 129060
 tattagaaaa ggaattaaga tatatatgaa aaaatttcca tcttgcttat ggaactataa 129120
 tatatcaaag caatttattt atgaaaattc caagtctatg aaagtaaaga taccattca 129180
 agtgaaaggc tattatagtt aggagggcta gcaatataag aaaacttata ttcaatgtat 129240
 ttttttttaa gctatgaaag taaagatacc tattcaagtg aaaggctatt atagtttagga 129300
 gggctagcaa tataagaaaa cttatattca atgtattttt taagctatga gataaatttg 129360
 ataggtctaa aacattttat ttataagaaa aaaatgaaaa attttatttc atagatacaa 129420
 taacacagat gaaagttaca tttataatgt atctatccaa attcttataa tgtgtaaaca 129480
 gtaagttaaa ctaatatgta aaatatttaa gtaaaaaaag tataaaaaac ttaaggttta 129540
 tttaaaagtc catattttat aaaagttaat gaaaaagaaa ctgaatagaa atagattgat 129600
 aagtccatat gcaaaaacta caatttcaac aaaaggaaaa gtgatgttta atagatttga 129660
 gcattttcca aaaatggatc atatccctgt ggataacctt caagaaagtc aacataagtt 129720
 tgatcagaat ctgtgttttc tttcccataa ttttgagtgt caacactctg ttctaaaata 129780
 aatgagttca tctcacttac atttttattt gcatactctt tttttaattc ttcataatgt 129840
 ctattaatac catttttaat catttctgtg atttccataa aattatccat gataatattt 129900
 gttaccatgg ttttagtctc tgaaatgctg tcaacctcaa taaaattttc ttggagtttt 129960

ggaaatatat atgagacatt ttcccgcta tattcttcat cactacttct tattggaata 130020
 aatgattat taaaacaata acttgcttgt ttggtcagtt ctttattttc atcttttttc 130080
 atgcctgtgt ctggaatggt aactttatga gtcttacgta aaaaccacag gcagtttttt 130140
 ttaggaacaa ttttaactct gacacctctt gtcaccccc gtatggatct gataggaatt 130200
 gtgaaaacaa cactagggaa tccattgttt tcacagttat cagaattggt aattagtttt 130260
 gatctgtaag gaatagaatc tgtagacatc tctgtattaa aattactcat gttttcattg 130320
 tctgtatcag tgcaagaatt taactccata ttattgcagc cctctttaac aattagtttt 130380
 tttttttttg ctttgctagt tttcaacttg ctttcacttt ttctctttaa ttgttttttt 130440
 ttaacagcac tgaaatcatg tgctgtagtc tgtgagtcac tgaaggatgt tagactgaca 130500
 ctactgaatg tagaatttgt atcagtgtgt gagctctcac tttcatatat ggttgattta 130560
 tctgtatcat aaccatatgt ttccatctca gaaatcacca gatttgtatt atctgtatct 130620
 ctactgttat tattggaatt ctgctccaat aaaatcaatc cttcagcggc cactttttcc 130680
 acatcacttt ctgtgtcaac atcagctgtt gatctttcta cagctctatt agttgaaata 130740
 tcctttttct tatctctgat gtaaaagggt tcattaggaa atttatctgg aataattaa 130800
 tcttttccat ctttatattt gttttcattt ctgttaagggt tatgaaaatt tacattggag 130860
 gttttattgc cctgactaac actctgttta tttttaatca tttcttcttg ccctgataaa 130920
 gacttatctg ttttaatttt aacatctgtt ttgtcttcag acagattgtg acctttgttc 130980
 tgattatcta atgtatgatt tgtcatggta aaaagttcaa agtactgttc tttatcttgg 131040
 gtgtccttat taaatattga cctttccatg agtattccag ctgggctatt tgttttttta 131100
 tctgttctgg aaaaggtagg aggaaattca tttgaaaatg tcaaagagtt attgacgcaa 131160
 atttcctcag ttactgacct ttccatgagt attccagctt gggtatctgt ttttttatct 131220
 ctctggaaa aggttgatg aggaaattca tttgaaaagt tcaaagagtt cttatcttga 131280
 taagtttccct catttctttt aaggttatac aaactcatgt taaaggcttc attgttctta 131340
 ctgactttct gtttgttttt aatagtcttt ctctgtcctg ttagaatttg atctgcttta 131400
 gtatccctgc agcttttcat agtagcctct ttgaaaaaat cctgtgtggc tgctgcttcg 131460

gaaagccccg tctcattttt tatagcattc acttcagaat ttttctcaac tgagattata 131520
ggattatcag ataagaatct gcaaatagta ttcttgga aaacctgtgt gtctgttcct 131580
tcagaaacat ttacctcact ttcttcagta ctcatccag gatttggttc agctggatac 131640
atgagacagt caggtgagtc ttttgaaaca acctttttgg caagattctg tgtatctatc 131700
tcttcaaaga aatctaattt atattctctg gtacaaactt caggattttt tccagttgtg 131760
tttttagagt gtgattcatc tgatgcttgt gaaacagcca gagttgtttt aatggtttgg 131820
catatgtctg aaaaatttga ttgaacattg tactgttcag actttgaaac aactgtgtga 131880
ggactgacat tctgatgtac actttggtag gattgttcag atgtttcaga acattcctca 131940
gaatactttc cataatcatt aaaatcttca atttctggtg gagtcgagtc agaattatat 132000
aagtgtgact caagcaaagt ggaagagtga tgtccatttc ctgtgacata tccattttcta 132060
atggatattg aatttaacac tgtaacttct cctgtgacat catatagctt ttctatttga 132120
tcacaagcat cattaatcat atgcataagt gtgatcttaa attcttttct atttgccctg 132180
aattttttgc atgaaaattc tttagagcat attacaatac actgcagtac agcagctcct 132240
aggttttttg ctgcctctat taaatttata caattgaaat gtattttaag gaatgtttcg 132300
tcacacattg acatgaacat ctgattcatc tgtttgattg caaagtcttt catagtttga 132360
gctattctgc tgtttttttc aattatttca aatttacatt ccaacaaatc ttttttaatc 132420
ttatttgttt ttatgtagaa tgcttgattg gaaatgttta tatctgttat gtctctgttt 132480
tttcccatca ttaataacat tgttgacat ctgttaagtt tctcattact gcttataaag 132540
ttgccatac ttatgatctt ttttatacat ttgataaatt ctctatccat attatttctc 132600
aaatctgata aatattctct acaatctgca atcacttttt taacaatttc atcaaattta 132660
tcacaggcat atacagtgtg tcttgattca caccaaagaa aaaattctaa ttgttctcca 132720
gataagatat cttcataaaa agatataaat ccagaggaag caccactaat taaattaaca 132780
tttagcatct gagataattg ttctaaagca agatctgtaa gcatgtgtct gtcattcggt 132840
aaaattccag cgtgggttaat taaacaatct tcaatgtctg ctttttctctg atccatggca 132900
gcattcacgg atttaagaat accttggtg caggcactaa tggactgagc tagaatttaa 132960

agaaaaaagt ctaaatatga aatctgtaca catatatcat attttatatg taagaaaatg 133020
 aaaaaaaaaat acctgctgcc agtttaatat ccgaggaagc tccttcttca acatttggtg 133080
 aataggaagc atttgccgtt gcaatatcat tagatgatat tgagtcaagg aaatcaaaag 133140
 aatccaattc ttggaagaga gtattatcaa aggaaggggt gcattttaaa ctgtcttgca 133200
 atatgtctct gatgggtctct tccacgggtg tatctgggtg atatctgtaa taaaatttat 133260
 aaattttatt acagagaaat taaatctgtc ttttttgtat taaaatattt aggtttacct 133320
 actcaatatg tctttcgtca ttgatgcca tggtttcaga tggttgtcca acaatcaaca 133380
 taggtgaagt agctccactt ctttccatag ttttatctgt atgtttagcc acacctaca 133440
 taacaaacca atcagaaata ttaaccccat tccaaactca atataaggcc agcctaaaaa 133500
 tactttcaag cagagtttta aaactctgct tgaaaaaat gtatactctg gaatatgaaa 133560
 aacgtgtatc aaggccaaaa cttacttatt ggatcatttt ggcaatatta tttgtttttt 133620
 taataataac tggatctgta ttaattgtaa ttgaaactct gtcaattcaa agaacgactt 133680
 tgaatgctca aatgataaa acaagtactg ttgttccaga attaacatct aattctccag 133740
 gtttggtcag ctataaaatg tcattgttta aaaaaaagt ttgtaactct gttaatatga 133800
 atattttttc ttgtagatca aacaactgtg acaaattttt ctgcaagttc taaaccaact 133860
 cttagcagta aacaaccgg atggatacag gcactaacta cagcttttgg aattttaaca 133920
 ctgttttcag ttatgatgat tattataact tgtaattttt ggctaactga gaaaaatgac 133980
 aaaactgcaa atccaacaga atactactca gaagacatat tagattatac aaatccaagt 134040
 ttacagaaa ttgatgaaga cagctcaaaa gtataacatt gcttcagaaa taacaaaatt 134100
 gtaagtaa at ttacttgatt ttcttact atgagatatt taatgggtttt aaaatagaaa 134160
 atgtcagagt ttaaagtaaa attaatgtaa tttatgat tttaaagtgt tcttacaact 134220
 agaaaataac tttaaattat tattagtatt gtaataattt aaaattatta atattagtat 134280
 tgtaataatt taaaattaat aatattagta ttataaacag tttttaaaat ataaaaaaaa 134340
 taaatttaaa atttatatta aatgatttta aatttactta ccagatggca gcgatatatt 134400
 ggaaattctg tgtagcagaa ctgtatcttc aagctcttga agaaaaagt gcaaaatagt 134460

tgatctgtct tcttattata tacattttga agcggatgtg atgcacagga aaatgacgtt 134520
 aatatatcaa ccaattaaaa aaagccaaaa aaattataat actaaaaaaaa ttaggggttta 134580
 accttatttg tacatgtatt tttttaaaat attatttttc caataaaaac cacaatggat 134640
 ttatatttta cgtaaacaatg atttttgctg ttatttttatt tcgaattggg attttaaact 134700
 ttgaaacaac aggaattgctg gttgtcttct cagcaagttc tacacattcc cactcgtctt 134760
 aggcaggaaa gacccaacc acataacca ctgacattta aaccctgaa aacaacagga 134820
 actgctgttg ccttctcagc aggttttacg ggttctcacc cgtttaggca ggaaagacct 134880
 caaccacata acccactaac attttaatat gtgaaaacaa caggaactgc ggttgccttc 134940
 tcagcaggtt ttacgggttc tcaccggtt aggcaggaaa gacccaacc acataacca 135000
 ctgacattta aaccctgaa aacaacagga actgctgttg ccttctcagc aggttttatg 135060
 agttctcacc cgtttaggca ggaaagacct caaccacata acccactgac atttaaacct 135120
 gtgaaaacaa caggaactgc ggttgccttc tcagcaggtt ttatgggttc tcaccggtt 135180
 aggcaggaaa gacccaacc acataacca ctgacattta aaccctgaa aacaacagga 135240
 actgctgttg ccttctcagc aggttttatg ggttctcacc cgtttaggca ggaaagacct 135300
 caaccacata acccactgac atttaaacct gtgaaaacaa caggaactgc ggttgccttc 135360
 tcagcaggtt ttatgaggtc tcaccggtt aggcaggaaa gacccaacc acataacca 135420
 ctgacattta aaccctgaa aacaacagga actgctgttg ccttctcagc aggttttacg 135480
 ggttctcacc cgtttaggca ggaaagacct caaccacata acccactgac atttaaacct 135540
 gtgaaaacaa caggaactgc ggttgccttc tcagcaggtt ttatgggttc tcaccggtt 135600
 aggcaggaaa gacccaacc acataacca ctgacattta aaccctgaa aacaacagga 135660
 actgctgttg ccttctcagc aggttttatg ggttctcacc cgtttaggca ggaaagacct 135720
 caaccacata acccactgac atttaaacct gtgaaaacaa caggaactgc ggttgccttc 135780
 tcagcaggtt ttatgggttc tcaccggtt aggcaggaaa gacccgacc acataacca 135840
 ctgacattta aaccctgaa aacaacagga actgctgttg ccttctcagc aggttttatg 135900
 ggttctcacc cgtaggcag gaaagacctg aaccacataa cccactgaca tttaaacctg 135960

tgaaaacaac aggaactgcg gttgccttct cagcaggttt tatgggttct catccgttta 136020
 ggcaggaaag accccgacca cataaccac tgacatttaa acccgtagaa acaacaggaa 136080
 ctgcggttgc cttctcagca ggttttatgg gttctcaccg gtttaggtag gaaagacca 136140
 gaccgcataa ccactaaca ttttaatatg tgaaaataaa caggaactgc gggttatagtt 136200
 tcagtacatt ctagagatta catcctgcta aggcgaaaaa cactttaacc gcaaaagcca 136260
 ctgattttta aacttgtgaa aataacagga aaccacagaa acgtcaggaa aaaaacgttg 136320
 ttttataatt atgtccataa aacatgcaac ataatccaaa ccggccaatg atttttctgc 136380
 ttaaattgtaa ttaaataat ttattcatac gtaagttggt atagccacgc ctacgcagca 136440
 atgtatataa gcagacaccg tcatttcgca gttagtctgc tggaaagctt gtgaagacta 136500
 cataaaggta aaaatttgac atttgcaaatt gtattttata attacattat tttagtttaa 136560
 aaaatccaaa attcttaata gaaatttatt gtgaaattta aaagattttg taaatatgca 136620
 ttaatatcta ttaaataatt gttatttgac agatttacta aatgtagtgt aaaatatcaa 136680
 aaaaatttaa aattaattta ttctgaagtt taacattttt taaatatgtc tatttttagt 136740
 ttcatttgat acattgcgta ggtttggaat tgtgtttcga aaattgctgt aaaaattatt 136800
 gactcttttt taaatttata gaacattgga tgtaattgca cattcctgga aaattcaaaa 136860
 aaagaaaata cagtaagtca atttatatgt attgatttta aatggcctcc aataaatatt 136920
 tttagccagt ttaatgtaaa acaaagcata aagtttatgt agtttttaaaa tgatgccata 136980
 ttttaacgaa attcatttaa agacagtatc tattaagaat ttaaattgcag ttctatggct 137040
 ttaaaaattt gtacgtttta tttgaaaagt ttgctctatt tgaaatcaaa tgttttagat 137100
 atttcttttc ataaattcag ttgaaatatg tttcatttat aatagggtatt tttctgtttc 137160
 taaaaataga tgataaaagt cactagatag aaaatatctt ataaattggt atttagtaga 137220
 ataaacatct ttttatataa caaaaacaca aagtacatga ctttagaaag ccaactaaat 137280
 gcattattat ttaaaaatta cagaatcaac gagtaatgtc actatagttt tttaaagtaa 137340
 cttttaattg ttcacttcta gttgtaatca aaagaaggat ggagagtggg gatagtttcg 137400
 gaaataatca ccaagtctca tcgaattcag atgcttttca attccggcaa tattcaacaa 137460

ctgtagatac ttttgcata tcatcaatgg atccttcaaa ttgcatgctt aatgaacaaa 137520
 ctcatthaga aacggtacta gtttatcctg tttacaacat gtcttcccag caaacagtgg 137580
 agagaaatct ctatgccaat aatataggaa atggaaatgt gctgagttat thtagacaag 137640
 atagtttgca aggaaaccaa ggaacatatt ttccaacata tcagggattt cactcaaaca 137700
 ctctcataa cttttctata gagaatttta attttggcac caatgtcatc aggcctatac 137760
 catttagaaa tgagggagta gacgcatcaa catccaaaga ttatgacttt aaaccttgca 137820
 ttacaacgat gcaaatacag tttagtcagc catctgcttt tcaaacttat tctttaatga 137880
 atggaaatth tagtgaaaat gggtatggat acaatactaa gattggtgaa aattgtgcta 137940
 tgtcttatgt tgagcaagag tctgtagact caaatatcc aaacaaagaa gttagtatct 138000
 cttatcaaag aatgaacat tatgatgaga atctcccgac gagagagctt aatacagatt 138060
 ttccgcaata taatcaaagt tctgtgttac agcacacctt tgcgaatgtc caaagcatta 138120
 tttcacagca aagtccatat cagttgattg gaaaagaaaa cagctttaac aactatctgg 138180
 aaacagctaa cggtgatagt gattgtcaat ctaacggggg gcctaaaatt ggcctagaca 138240
 cagatcaatc tgthttttca gatgaagtga ctggggcgctg thtagaaaat gttcattttc 138300
 caatgaatcc taaaaatgag tatgtaaata acatatcact tgatgtacaa actgaatttc 138360
 ctgtgactga gaatcctctt gtaggagaaa gtcaggctac aaagaacaag gatgtggaca 138420
 gtaacgcaga ggtaataat cattctaaat atcgtctatt gaaacgcaat attacaccga 138480
 ccatgggtaa tattaacat tttaatttta gttgcaagat atctaccgaa gaagaaagga 138540
 aaacattttt taacagggtg agtgagctat tgaaaataag ggatgatata aaaaacacta 138600
 aaatttcttc aaaagtggat tttattcaat ctgaagcttc tacatcattg gacatttgta 138660
 aaaatacatt caataacaat tcggattcat cggatgtgga cactgatatc cttgcagaca 138720
 acccattagt gatatgtgaa aatgaactga tttgtgataa caatgaggaa aacatcaagt 138780
 ttccgcctaa cggtgaaaaa gaggctgtcc ccatgcagac ggtaaacgc agctttccag 138840
 aaatctgtcc agagcatttt aaaaaagaa gatttataaa tggatgatgtg atttatgaag 138900
 atttaaattc tgthttataa gtgatgccag caagtgcgac atatgacgat gtgcgtttcg 138960

gagaagtgga ttatcaaacc tcttcggctc agacaaaaat ttccaaccac cagtttagcgt 139020
tggttgccaac aaattatcag cacatgatag ggcaggaaac agacatttca tcgcgggatt 139080
atcacaatga cagtgtctca attatttaca attgctcatt tcaacgacag ggaaaaaggc 139140
ttcttgctga tattccatat agaccttggt taaaagaaaa tgttcccaca ggggaatatg 139200
gaaaaagatt tgtcaaaaca gtccctagac cagccagtgt ttttattttt ggaagatgtc 139260
gaaaaaaaaat gctgagggaa agcgttaaat cttttatgca ttttaagcaag ttacagtata 139320
ctaaagaaag tctagaagca tatgtactta gaaattgtaa caagttttta gatttgagtt 139380
ggccgatagc acacaagatc tatattatgc ctgatgtgag tagaaattat aacattgaag 139440
aggttaagaa tttatttccc gtaccggaag gctggatggt aactctaggt tttgtaggaa 139500
cagaagaacc ggtgaccaa atttataaca ttgctgtatt gttatgtgaa aatgggtggg 139560
tcatgattca caagaatgat aaagtggaac ctgaacttta tttagctgct tcgaatctca 139620
atgaacttat agaggatgga ctggcacgct gtgattgtat ttacgagaaa aggtctgtac 139680
catatggaat tgtcatggaa ggaaaattaa gacagtttat ggacaatttt ggctcactgc 139740
aaagtgtgct agcctacaga aagtatttac atggttttct gtgggctttt aatggcacac 139800
ctggaagatt ggcagacaga gtgttccata cttgtgtacc tggggttcat aatgcccttc 139860
ccttagatgc tgtgattaaa catgaaaata atcccttgta tttcattgga tatgtaacca 139920
cctttaaaca gcaaatgat ttcaatgcta atgttttcat cgcggtagat ggaaatttaa 139980
gcatttatgg ctatcatctt atatctcaa aaacttggtt tctagcaaaa acattttcaa 140040
cttttctgaa aatgggaact agaaagatgt actatgatta tgagattcca cttaaaattc 140100
atttaggaga tagtgcagat tcatttctgt cttgttttaa aaatgccctt tgtctgctgc 140160
ttaagccaga agtacttaga aagcaatttc ctaaacctta gattgttaaa acttggataa 140220
ccaaactata ttgaattatg tatactctttt tattgaatgg gacatgtttg taaacatttt 140280
tgaagcttaa ataaagagtg ttttcaaata tctctgtttt gtctctttac agaggacttg 140340
aaaaattttt tactgtcttt agaacttgcg aatacttggt gagcttttct ttccgggtaa 140400
cgcacttcca cagtggtgca ggctcgcttcg taaatataat caaaaaattc ttctacttct 140460

agtagttttg gtgtcggatc ttcattggcg ccataatttg aattaattct agcagctttt 140520
 attccttccc aactaaaaga gaaaatgttt aaattacagt aaattgcaat tggcattcct 140580
 tggaaaaatg atgctcacct gaaggctttg tttaaatcaa tccacggtgg cattgggtga 140640
 gtctttgtag gtttggtgtt aggcgtaggt ttaatttcat gtatgattgt tgtactcgta 140700
 tatataggag tgcagtatgt aatacctccg gcctgatata tgctgcgaac gagaaattaa 140760
 gaaatgagtt tgtttctaag acgaaaagta ttgtcccata cagtaaaaaac tcacatgttt 140820
 ccgtcgtcac atgtcagttc tatcacatca ccgtctgtaa atcgcaagta ttcacacag 140880
 caggattcta gtttaggtaa ttgaagtctg ctagctagaa ttaaaaaaat tctatacaat 140940
 atatagatta atctatatat gcacatcatg gacgcatttt atggcttcga gctatacact 141000
 cttttgtttt attcatttct ttaatacttt gtattttata gaaactaaat aagaagtttt 141060
 aatgaaatgc atttattaac cacccataac attttgtaac ttttcggata cagtattgtt 141120
 aaaggcttga gttatatttc cactgttaca cagttgagca tttaaagatt tgttcgagat 141180
 gagttttttt gttgtccggt catctttttt taagaaagtc aataacagcg tatcaatagt 141240
 gagtagtctt ccgttgtaaa actctgtttt tgcactgtcg gttttaattt taattgagct 141300
 ggtatgaaaa aaaaaacaca ttaagttttc ttgttagatt cttatcccc cccccccga 141360
 caggagagtt ttcaaattac caaggtccga aatctttaga tgggtgttagt agtacatcgt 141420
 attggagatc cgttgtagat atcttagatg gaaagtcttg ccacatagca cttacgatgg 141480
 ctggatcgaa ttctctagga tgaagaagcg aaaattagat tatatctagt tttgctttct 141540
 aagttaataa tatttacaat ttacctgtta ctaaacgact gtcggtgcgg atgtggaaac 141600
 atgtcttgta cagtcttttg tccaatagtg tcgaataagc gttctatttc tagtagtgct 141660
 attggaaaaa gactgcgaaa cacaatttat ttgcttattc tctccagttt ttaaatttcg 141720
 agtaataaaa gacacttgct tttcttacat tacggtggtg acgtagtttc gtgcagttgt 141780
 atcgttttta ggcgagcacc aaatttgctc atatgtagac tggaatctaa aaaaaaaaaat 141840
 attgtcaact caaccttttt gtcattttgt tgattgcatg tatgtgcggt tttcctcttt 141900
 tttagtgtgc ttgttaatat gagcagtttt gtgcgacagt acttacactg tagtgtttgt 141960

taagcacctt tcgtccgtgg gtatctgtct aataatgtct atgtctctcc agggttcgat 142020
 gggtgtctct gtccagggat gttctgacca tcgccacgcg tatgtcgtgt tttctcgact 142080
 tttgttctta tccgggcaac aagcgtcata caatggtttt tctgaagtca tgttcacttt 142140
 aggtatgtta aaatcttctt ctttccattg tgaaaattgc atgcaagttt cccattcgta 142200
 gcccttggtg tcttttcgga cgattgccag tgatatttgt gtccgaaagg ctattccgct 142260
 gtagctacgc atctttttta aatctgcgcg tatctgtaat tcactaataa gcgggtactt 142320
 tacattcaaa ttcttgagga aaaaaataac tatagatagt accttttttt gcttaccatt 142380
 gagcagacga ctgggtgtat tgctcacgtc tttcccaacg gtggcgagca gggaacaaaa 142440
 ccaggctcgt caaaatgttt gcgggtgttca ttcttttcac atacaacaaa ctgttttggt 142500
 tacttccgaa tcctccatta agtagagaat agtgaagcc tgtagttact gacaagactt 142560
 cagacagccc tttactcata attttttctc ttaatccgcg cactcccaat gagttctctt 142620
 ttagtggaat gcagagtgtt gtttctaata atataaccct tagaagaatt aaaagtaagg 142680
 tgtgagaaat ttacttaaaa agctcttcaa agtcgtcata ttgtagaaat cagtgtaac 142740
 atttttactt actgtgcttc gtctggccat tcacattcgc aggaaaacga tgtacatctt 142800
 gtgtattcta acaagctttg tctttcctcg gaacttagac caatatatct agtagagctt 142860
 gcgttggtgca tgttttcatt tattaagttt tcgattatat cttctagagt tattgccgtg 142920
 cgtgcttttt caagtgggac cgtattggta catatcttta tgagtaatgc gaaaattata 142980
 taatgcagtt gcaccattat ctgcgaagag attttttttg cagcgtcttt atgtgcaggc 143040
 ttattcccc ccgtttcgta tttcaaatcc taaataaccc ccggggggta aaaaaagggg 143100
 gggagctaac cctaacccta gctctaacc taaccctaac cctagctcta accctaacc 143160
 taaccctaag tctaaccctg accctaacc taagtctaac cctgacccta accctaacc 143220
 taaccctagc tctaacccta accctagctc taaccctaac cctaacccta accctagccc 143280
 taaccctaac cctaacccta accctaacc taaccctaac cctaacccta accctaacc 143340
 taggtctaac cctaacccta accctaagtc taaccctaac cctaagctta accctaacc 143400
 taaccctaac cctaacccta accctgacc taaccctagc tctaacccta accctaacc 143460

taaccctaac cctaacccta accctaacc taaccctaag tctaacccta accctaagtc 143520
 taaccctaac tctaagtcta accctaacc taaccctaac cctaacccta accctaacc 143580
 taaccctaac cctaacccta agtctaacc taaccctaac cctaacccta accctaacc 143640
 taagtctaac cctaacccta accctaacc taaccctaac cctaacccta accctaggtc 143700
 taaccctaac cctaacccta agtctaacc taaccctaag tctaacccta accctaacc 143760
 taaccctaac cctaaccctg accctaacc tagctctaac cctaacccta accctaacc 143820
 taaccctaac cctaacccta accctaacc taaccctaac cctaacccta accctaacc 143880
 taaccctaac cctaagtcta accctaacc taaccctaag tctaacccta accctaacc 143940
 taaccctaac cctaacccta agtctaacc taaccctaag tctaacccta accctaacc 144000
 taaccctaac cctaacccta accctaacc taaccctaac cctaagtcta accctaacc 144060
 taaccctaac cctaacccta accctaacc taaccctaag tctaacccta accctaagtc 144120
 taaccctaac cctaagtcta accctaacc taaccctaac cctaacccta accccaacc 144180
 taaccctaac cctagctcta agcctaacc caaccctaac cctaacccta gctctaagcc 144240
 taacccaac cctaacccta accctagctc taagtctaac cccaacccta accctaacc 144300
 tagctctaag cctaacccta accctaacc taaccctagc tctaagccta accccaacc 144360
 taaccctaac cctagctcta agtctaacc caaccctaac cctaacccta gctctaagtt 144420
 tcacccaac cctaacccta accctagctc taagtttcac cccaacccta accctaacc 144480
 tagctctaag cctaacccta accctaacc taaccctagc tctaagccta accccaacc 144540
 taaccctaac cctagctcta agcctaacc caaccctaac cctaacccta gctctaagtc 144600
 taacccaac cctaacccta accctagctc taagtttcac cccaacccta accctaacc 144660
 tagctctaag tctaacccta accctaacc taaccctagc tctaagtcta accccaacc 144720
 taaccctaac cctagctcta agcctaacc caaccctaac cctaacccta gctctaagcc 144780
 taacccaac cctaacccta accctagctc taagcctaac cccaacccta accctaacc 144840
 tagctctaag cctaacccta accctaacc taaccctagc tctaagttca cccaaccct 144900
 aaccctaacc ctagctctaa gtctaacc aaccctaacc ctaaccctag ctctaagtct 144960

aaccccaacc ctaaccctaa ccctagctct aagcctaacc ccaaccctaa ccctaaccct 145020
agctctaagt ctaaccccaa ccctaaccct aaccctagct ctaagcctaa ccccaaccct 145080
aaccctaacc ctagctctaa gtctaaccct aaccctaacc ctaaccctag ctctaagttt 145140
caccccaacc ctaaccctaa ccctagctct aagtttcacc ccaaccctaa ccctaaccct 145200
agctctaagc ctaaccccaa ccctaaccct aaccctagct ctaagtttca ccccaaccct 145260
aaccctaacc ctagctctaa gcctaaccct aaccctaacc ctaaccctag ctctaagcct 145320
aaccccaacc ctaaccctaa ccctagctct aagcctaacc ccaaccctaa ccctaaccct 145380
agctctaagc ctaaccccaa ccctaaccct aaccctagct ctaagcctaa ccccaaccct 145440
aaccctagct ctaagtttca ccccaaccct aaccctaacc ctagctctaa gcctaaccct 145500
aaccctaacc ctaaccctag ctctaagcct aaccccaacc ctaaccctaa ccctagctct 145560
aacctaacc ccagccctaa ccctaaccct aaccctagct ctaagtctaa ccccaaccct 145620
aaccctaacc ctagctctaa gcctaaccct aaccctaacc ctaaccctag ctctaagcct 145680
aaccccaacc ctaaccctaa ccctagctct aagtctaacc ccaaccctaa ccctaaccct 145740
agctctaagt ctaaccccaa ccctaaccct aaccctagct ctaagcctaa ccccaaccct 145800
aaccctaacc ctagctctaa gcctaaccct aaccctaacc ctaaccctag ctctaagtct 145860
aaccccaacc ctaaccctaa ccctagctct aagcctaacc ccaaccctaa ccctaaccct 145920
agctctaagc ctaaccccaa ccctaaccct aaccctagct ctaagcctaa ccccaaccct 145980
aaccctaacc ctagctctaa gtctaaccct aaccctaacc ctaaccctag ctctaagtct 146040
aaccccaacc ctaaccctaa ccctagctct aagtctaacc ccaaccctaa ccctaaccct 146100
agctctaagc ctaaccccaa ccctaaccct aaccctagct ctaagcctaa cccagccct 146160
aaccctaacc ctagctctaa gtctaaccct aaccctaacc ctaaccctag ctctaagttt 146220
caccccaacc ctaaccctaa ccctagctct aagcctaacc ccaaccctaa ccctaaccct 146280
agctctaagt ctaaccccaa ccctaaccct aaccctagct ctaagcctaa ccccaaccct 146340
aaccctaacc ctagctctaa gcctaaccct aaccctaacc ctaaccctag ctctaagcct 146400
aaccccaacc ctaaccctaa ccctagctct aagcctaacc ccaaccctaa ccctaaccct 146460

agctctaagt ttcaccccaa ccctaaccct aaccctagct ctaagcctaa ccccaaccct 146520
 aaccctaacc ctagctctaa gttaacccc aaccctaacc ctaaccctag ctctaagttt 146580
 caccccaacc ctaaccctaa ccctagctct aagcctaacc ccaaccctaa ccctaaccct 146640
 agctctaagt ttaaccccaa ccctaaccct aaccctagct ctaaaccctaa ccccgaccct 146700
 aaccctaacc ctaaccctag ctctaagtct aaccccaacc ctaaccctaa ccctagctct 146760
 aagcctaacc ccaaccctaa ccctaaccct agctctaagt ctaaccccaa ccctaaccct 146820
 aaccctagct ctaagcctaa ccccaaccct aaccctaacc ctagctctaa gcctaacccc 146880
 agccctaacc ctaaccctag ctctaagcct aaccccaacc ctaaccctaa ccctagctct 146940
 aagtttcacc ccaaccctaa ccctaaccct agctctaagt ctaacccaaa ccctaaccct 147000
 aaccctagct ctaagtttca ccccaacccc aaccctaacc ctagctctaa gtctaacca 147060
 aaccctaacc ctaaccctag ctctaagtct aaccccaacc ctaaccctag ctctcagtct 147120
 aaccccagcc ctaaccctaa ccctagctct cactgtcacc ctaacactag ctccaggtca 147180
 tctgttctag atcctatcca tatctgcct gactcctggt tccataccgc tccgagcccc 147240
 accctccgtc ccgccctcct cctgttctcc atgcctgccc ttctcaaccc ttctcttcc 147300
 acgcccacat tgcctctgca ctccgcgctc tcttggtgt gcgccctgcc tttccgtgac 147360
 ctactgggag cgccgcaaaa tctgttttgc ccgcccctg cgcgcgcggg aactgtcggc 147420
 gccgcgctgc tgctagcccg ccttccagag ctccctcct ccgtctgct cctcaccctt 147480
 gccactcacc cttccatctc ttctatcaca gactctgtgt tacaccacct atgactgctg 147540
 caaccacaga acattttgct ctccgcgagg cactcaatcg ttactggtgg ctgcttctgg 147600
 gacgacaaa gctcagtttg gtatgcaact acgtcacagc tcatcgcaa cagttactgc 147660
 cgctgccgtg gccgaacag gaatttctcc aacttgacce ggccccctac tccaatctcc 147720
 gcaaccgtgt cgctcaccat ctccatcgcg gctggccagc ggcacacaac acatgtaagc 147780
 tacggtacat ctctttcaca aaccaaggc tcacatagag acaagcaca gctcgcgcaa 147840
 tgacattaaa acctcccatc attgtccttt cctgtcgctt tgccgataac gtctttgctc 147900
 tatcgcaggt ttcgaccccc gtccttactt ccccaatgct aaagtcaagc tgcttccgct 147960

cggctccatc acccttacca gatcattctc cagtgcagag cctcatccta ttggtgatga 148020
 tgtgcatcac agtcatgacc ggggtgacta ccatactgtt atctgcagct ggctcacagg 148080
 aacctccccg atcctagtgc tgcttcaagg accggacggc agcatctatt gccacgacgt 148140
 gtaccgcggc cgattgtatc tcgtggccca ctctgtatcg ttgttcgcca ggctaggcct 148200
 tcgccactgc gaacctttat atgcggcacc cagatggaag cacgttcctc tgcccagcat 148260
 gtgggtggcg agcccgccag cgtccgccac cctcacgcaa acactcgccg tgagtgccac 148320
 gcacggctctg gacgcgttat actcgctgct aaaaatccac agaggaaactc cgtgttcgct 148380
 aatccacccc gtgaacggct acgtcctgga catgatactg acggggccgct cattccaaga 148440
 agcaccctgc caaaacactc gcacgtccgt taaaacaacg ccacatgtaa tggacgcagt 148500
 ctgcggtggc cgcgggtcat ggctgtccat cggctaccta gtaaagatgc cgcacattca 148560
 cctggcggtg acccgaacat gtctggtcac cgccatagat gtccgacaaa actttctctg 148620
 gcgcgtggcg gacgacgcgc tgctattcct ggtcaccggt agtcttttac tactgtcgcg 148680
 gccgaccgca gacttgacgt cttggtcatg ttacagcaa gaacctgtgt ggaggaactg 148740
 tctagatacg cgcggagaac aggatgagac agaagaccaa gagatgaaac aaagcacaag 148800
 caaaaagcaa aatgagaata aaaaactcaa cacctcaaaa aaacacaccc gcgtatcgtc 148860
 ggcaattccg acctttcccc tgagtctccg agaaacgccg ccagaagcca ggagcccagc 148920
 cgtcctcgcc gccgccaccc agtctcacia aactcgagcg atctcgacgc ataatgccac 148980
 gacaacaata agaataccgc gccttcccag ttacctgctg gaagcgcgtc tgttgtccgt 149040
 gacagctatc ctgaaagaca caaagaaaaa aaaaaccag cctcaggcgt agcagctcg 149100
 acgctcagcg cgggtgtctga aagctcgcca aggtctcgcg taaaagaaca gatgtgaact 149160
 tcagatgtac caaccaaata atacgggttc cgctataaaa agtgcacctc tattcccggt 149220
 cttatccccg ttctaactct tccttgtatc ataccttgca tgtaaccgg atcccgtgga 149280
 tcttacacac atacacacac acacaaactt ggtgaggtaa acacagaaat ctactaact 149340
 cataatcccc tacacgctta ccaccaccta aaaatgggta tgaccaaacc tggcaatagt 149400
 ctatcttctt tttctttcca ttcacagcca atgtgcagta ctctggggtc cacaacaacg 149460

aaagagactg tagagacact tcctttaagt agaccttaga gacacaccaa atacaaccac 149520
 aaccaaaaaa aaaacagaaa acaacacaaa gccaatgagt gcagaaatgc tccgcgctgt 149580
 tcagctccag ccaagacgcc ggggacattc ctcatctccc acttcccctc cactcgaagg 149640
 agagcccagt cccaagagac tccaatcgag caacagtcac caagggcgta gaggcagacc 149700
 taaaccaga gctaaaacat ggagcgaagc tttatcccac cggtccttcc tcaacattta 149760
 cgcgtggctg tctttgagtc gagggctctc gcgaaaagtg tacggatatg ccttcaggca 149820
 cagaggagaa ctcgtagcat tgccatggcc gcctaactgg agcctggaac ttcaccacga 149880
 tccctatcga gacgccagag caciaaccgt ttggagtcac cgctggggat ggcctgcaac 149940
 acacgtgaca gctcgcacgg tgcgggactg cggtagtgtg aagcagtgtg acacattgtt 150000
 atcgcaattg tcttaccga ttaacttttt attaatgtat taagcactct ttcttcacgt 150060
 gtgactgttg tgttttttgt tgttatctac atcccggcag cctcgcacac gcatatgtac 150120
 gtgtgctgcg gacgcggaga aaagtgcag ccgctcgat acgtacgcaa cagagccgcg 150180
 ccttcagacc tgaactcgtt acgcgtcctc ctcatagcca gggacggagc aatgtatgtg 150240
 catcacatga gaacggcgcg actgtgccgc ctagccagca gtgtgaccga attcgcgcga 150300
 cgagggctgc agcgagaatc cgaggtttat gaagatgatg tttccttgcc agaccgtcga 150360
 gtaggttcgg caacggccat tcacctgttt gacgtaatta ccagggcagc cgatgtccac 150420
 gacctactca ccgtggccgg actgtgtcag actcacaccg gcgtcagctg ccaactgtgg 150480
 tatacagacc acgatcccca caccgtcgct ggggcggcac gcttcacact gacggtcgca 150540
 cggcagcagt atcgattgtg gccaaacgca cgacgcaaac tgctgcagca cctacatccg 150600
 gaccaccac ttgggctgtg gctgttgtgt gccgtgctca cgtacgatgc aaaagagacg 150660
 aatcgcgcag tgccaccctg aacgccaggg gccgaaaccg tgtgggtgat agttactggc 150720
 aggggtgcca ttctaggatt ctggccagag agcgccaaaa tgtgcagatt ggcctcgtct 150780
 atgaaaggac tctggaaaaa cggagcgcgg gcgctaaaag gtcactggac atacgcagca 150840
 cccggccggc atagagcggg agaggcctgg cctttgtgtg cacactacca atctcctaga 150900
 tagaacaaaa ttaaaaagat taaaaaaaaa aagaaaaaaa gtacaagagt gttatcgca 150960

aacagcgtgt caaaaaaaaa aacaatccac atactctaga acaaactgta cccaaaaata 151020
 agtccgtgtg caaaactggg aaaaaaaaaa tcaccttctt cgttgccact agagggagta 151080
 ccgaaagtgt aggcaagaag gccacgctgt aaatgactgt cagcgtttgg cgctgaaaac 151140
 attgctgttc ttgctggctc aagcacaatc acgtgattaa gattcctttc gttttcaaag 151200
 tgtgcccggg aggcagacat gccctttctc gtgagacatt atgagatttg cctgccagag 151260
 aaccacgtga cttggactta ctttcgtttt ctaaactgac cctctaggca tgaatgctct 151320
 ttagcgttag ccatgaggct agcgtgatcc tgtatagtac ataagtttct aagaatatgt 151380
 ttttaacaat aatcatgtcc caaaaagtcg cgagtgacta aaattctctg taaatgaagg 151440
 caaattaaac aggatacaga cagttgtggc agtgggccgt ttcgtctttc tgtgttttcc 151500
 ttacgcggct gacgaggtaa agtgtctcag tccatattgt tgtctgtgcc accgtagtta 151560
 gcggtggcat actaaaaact ccgatagatg cagaacaata acaccgaaaa ccacgctgtg 151620
 gaaccagacc acactttata aacaaaacgg ccttatcacc tggaaaaaaaa aactaaaaat 151680
 aaggcaatga tacacctgac tttccattgg aaacctgccg taacctgac cacaaatccc 151740
 atgctaaatc ccctgaaaca ctgccaaacg tcgctacaag gtttttccgg gatcgagccg 151800
 cagcaagctt aaactgaggt cacacacgac ttttaattac gcaacgcaca gctgtaagct 151860
 gcaggaaaga tactatcgta agcaaagtga gtcctacaat caagcgaggt tgtagacgtt 151920
 acctacaatg aactacacct ctaagcataa cctgtcgggc acagtgagac acgcagccgt 151980
 aaattcaaaa ctcaacccaa accgaagtct aagtctcacc ctaatcgtaa cagtaaccct 152040
 acaactctaa tcctagtccg taaccgtaac cccaatccta gcccttagcc ctaaccctag 152100
 ccctaaccct agctctaacc ttagctctaa ctctgaccct aggcctaacc ctaagcctaa 152160
 ccctaaccgt agctctaagt ttaaccctaa ccctaaccct aaccatgacc ctgaccctaa 152220
 ccctagggct gcggccctaa ccctagccct aaccctaate ctaatcctaa tcctagccct 152280
 aaccctaggg ctgcggccct aaccctagcc ctaaccctaa ccctagccct agggctgcgg 152340
 ccctaaacct aaccctaacc ctagagctgc ggcctaacc ctaaccctag ggctgcggcc 152400
 ctaaccctaa ccctagggct gcggcccgaa ccctagccct aaccctaacc ctagccctag 152460

ggctgcggcc cgaaccctag ccctaaccct aaccctagcc ctagggctgc ggccctaacc 152520
 ctaaccctag ccctagggct ggggccctaa acctaaccct agccctaggg ctgcggccct 152580
 aaccctaacc ctagggctgc ggccctaacc ctaaccctag ggctgcggcc ctaaccctaa 152640
 ccctagggct gggggccgaa ccctaaccct aaccctaacc ctaaccctaa cccaaaccct 152700
 aaccctaggg ctgcggccct aaccctaacc ctagggctgc gggccgaacc ctaaccctaa 152760
 ccctaaccct agggctgcgg ccctaaccct aaccctaggg ctgcggccct aaccctaacc 152820
 ctaactctag ggctgcggcc ctaaccctaa ccctaaccct aaccctaggg ctgcgggccg 152880
 aaccctagcc ctaaccctaa ccctgaccct gaccctaacc ctaaccctaa ccctaaccct 152940
 aaccctaacc ctaaccctaa ccctaaccct aaccctaacc ctaaccctaa ccctaaccct 153000
 gccccactg gcagccaatg tcttgtaatg ctttcaaggc actttttctg cgagccgcgc 153060
 gcagcactca gtgaaaaaca 153080

<210> 3
 <211> 33
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Artificially
 Synthesized Primer Sequence

<400> 3
 gctctagact gccacgtgag cgaaagcata cac 33

<210> 4
 <211> 33
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Artificially
 Synthesized Primer Sequence

<400> 4
 ttacttaagt catcggggtc actatcttcg cag 33

<210> 5
 <211> 35
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence:Artificially
 Synthesized Primer Sequence

 <400> 5
 ccggatccga gttaatgcat acatgggagg ccagg 35

 <210> 6
 <211> 29
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence:Artificially
 Synthesized Primer Sequence

 <400> 6
 cggaattcct gtgtaccgtc atggcttgt 29

 <210> 7
 <211> 25
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence:Artificially
 Synthesized Primer Sequence

 <400> 7
 gacatgccta cgcggcctca ccgag 25

 <210> 8
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence:Artificially
 Synthesized Primer Sequence

 <400> 8
 ggacgcgtgt agaaacggcc aacg 24

<210> 9
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 9
gtactaacat catcacatgc gcggag 26

<210> 10
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 10
gggactattc agattcctta cagag 25

<210> 11
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 11
gactcagatc tcgagctcaa gcttcg 26

<210> 12
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 12
 ccttctacga gcggctcggc ttcac 25

<210> 13
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Artificially
 Synthesized Primer Sequence

<400> 13
 atggaaacga caaacagccg gcgtg 25

<210> 14
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Artificially
 Synthesized Primer Sequence

<400> 14
 ctatcgaact acgtcgtgca cggc 24

<210> 15
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Artificially
 Synthesized Primer Sequence

<400> 15
 cggcacgttg accgcagagg atctg 25

<210> 16
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Artificially

Synthesized Primer Sequence

<400> 16
ctccggtgct cctgcaacct gatgtc 26

<210> 17
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 17
gaagtggcag tgcataccta aactggc 27

<210> 18
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 18
ccattcagtt cgccggcaca gtcc 24

<210> 19
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 19
gccaaatcta gctgctgagg ttccc 25

<210> 20
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Artificially
 Synthesized Primer Sequence

<400> 20
 ctgtttgcgg tgcgtctgga cgaag 25

<210> 21
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Artificially
 Synthesized Primer Sequence

<400> 21
 gagggcggaa agcgagtctt gtgtg 25

<210> 22
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Artificially
 Synthesized Primer Sequence

<400> 22
 catcctcgaa gaattgtctt ttcggg 26

<210> 23
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Artificially
 Synthesized Primer Sequence

<400> 23
 cgtagccttc gggcatggcg gacttg 26

<210> 24
 <211> 26
 <212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 24

ccttcagctc gatgcggttc accagg

26

<210> 25

<211> 73

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 25

cttatgagta tttcttccag ggtactcgag gctgggtagt cccaccttt ctagatTTTT 60
TTTTTTTTTT ttt

73

<210> 26

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 26

gctgggtagt cccaccttt ctaga

25

<210> 27

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 27

cttatgagta tttcttccag ggtactcgag

30

<210> 28
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 28
cagcgtttcc tgatgttgga acccag 26

<210> 29
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 29
gcatcttacc aatgatgatc gcaagc 26

<210> 30
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 30
ttggatcctg atcatttgca tgttgctagt atgtcag 37

<210> 31
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 31
gactagtctc cgaatcgaag ctaatctgag agc 33

<210> 32
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 32
ccgattccta ctttcgacaa gagg 24

<210> 33
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 33
ctccgtacca cagtctgtct agtc 25

<210> 34
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 34
gcgtcgacag ccagttgacg ttgctgggta ctacg 35

<210> 35
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 35
 ttggatccat gccttctcca tatgaagaca gcagc 35

<210> 36
 <211> 36
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Artificially
 Synthesized Primer Sequence

<400> 36
 ggactagtca gatttgatcat gttagtttaa tagtcg 36

<210> 37
 <211> 34
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Artificially
 Synthesized Primer Sequence

<400> 37
 ggaattccgc aagatacgga ctatattaag cagg 34

<210> 38
 <211> 35
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Artificially
 Synthesized Primer Sequence

<400> 38
 cgacgcgtcc attgcgtatg caaccgacga ttctc 35

<210> 39
 <211> 34
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Artificially

Synthesized Primer Sequence

<400> 39
ggggtaccct gagccgggca gttcatcggt atgg 34

<210> 40
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 40
ggactagtca ctgcgcaatt agaagaagcc ta 32

<210> 41
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 41
ggaattcgat gatgaacaaa tcatttttct cgcac 35

<210> 42
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 42
cgacgcgtca ccaaaaattt tccattcac atcg 34

<210> 43
<211> 36
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Artificially
Synthesized Primer Sequence

<400> 43

ggggtaccgc atggatttct tagcgaattt gtgctg

36